1. Apologies (Annex 1)

Council members present: Budy Resosudarmo (RSAI President), Mark Partridge (President Elected and Councillor at Large), Neil Reid (NARSC Executive Director), Peter Stenberg (NARSC Representative), Jouke Van Dijk (ERSA President), Alessandra Faggian (NARSC representative), Andre Torre (ERSA Representative), Isabelle Thomas (ERSA representative), Carlos Azzoni (President of LACRSA), Eduardo Haddad (LACRSA representative), Patricio Aroca (PRSCO President), Erendira Serrano (PRSCO representative), Laurie Schindler (Councillor at Large), Daniel Griffith (Councillor at Large) and Tomaz Dentinho (Executive Director),

Long Range Planning Committee Members present: Roger R. Stough, Roberta Capello, Andres Rodriguez Pose, Budy Resosudarmo, Jean Claude Thill and Mark Partridge

Ex-Officio members present:

Invited members: Fu-Chuan Lai (President Elected of PRSCO), Rosella Nicolini (Elected Councillor at large), Amitrajeet A. Batabyal (Elected Councillor at Large), Hiroyuki Shibusawa (PRSCO Executive Director).

Apologies from Council Members: Jichung Yang (PRSCO representative), Tüzin Baycan (Councillor at Large), Emmanouil Tranos (Councillor at large) and Francisco Carbally-Cruz (ERSA representative in transition).

M-I. The RSAI Council acknowledged the apologies.

2. Approval of the minutes of the Minneapolis meeting

Budy Resosudarmo informed the Council that the Minutes of the RSAI Meeting in Groningen were distributed previously and asked the members to vote the Minutes.

M-II. The RSAI Council approved unanimously the Minutes of the Council in Groningen (August 2017)

3. RSAI Budget 2018 (Annex 2a, Annex 2b)

Tomaz Dentinho recalled that the budget proposal for 2018 is in Annex 2a. Tomaz Dentinho explained that the expected revenues summing 96,800 € come from the profits distribution of journals (56%) and from membership fees (44%). The programmed expenditures, totaling 96800 €, go to journal subscription (28%), journal edition (23%), to the RSAI awards (5%), to accountancy and secretariat (10%) and to the programs Nurturing Talent, Building Bridges and Thinking Big (34%). Mark Partridge suggested the construction of Pie Charts to present the Budget and expose it in RSAI webpage. Tomaz Dentinho also explained that the margin of the RSAI World Congress is presented separately. Andrés Rodriguez Pose said that RSAI programs are for bottom up applications. Tomaz Dentinho informed the Council that so far the distribution of the funds for the programs was indicative because until November there were not enough application. Budy Resosudarmo proposed an extension of the Call for project Nurturing Talent, Building Bridges and the creation of a Selection Committee composed by himself, Andrés Rodriguez-Pose, Mark Partridge and Tomaz Dentinho that will send an allocation proposal to vote on-line by the Council.

M-IIIa. The RSAI Council approved unanimously the Budget Proposal for 2018 and the nomination of the Committee to select the projects for the Programs Nurturing Talent, Building Bridges and Thinking Big to be approved on-line by the Council.
A Second Call for the RSAI Programs was made with the deadline of November the 30th. One first distribution proposal was suggested to the Council Members on December the 3rd and, after on-line dialogue between RSAI Council Members, a second distribution proposal was made on December the 11th (Annex 2b).

M-IIb. The RSAI Council approved on-line by majority the distribution of the Funds Available for the projects submitted.

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<th>2017 RSAI Council Members</th>
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<tr>
<td><strong>Name</strong></td>
<td><strong>On-Line vote</strong></td>
</tr>
<tr>
<td>1 Budy Resosudarmo</td>
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<td>9 Isabelle Thomas</td>
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<td>10 Andre Torre</td>
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<td>19 Mark Partridge</td>
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<td>21 Francisco Carballo Cruz</td>
<td><strong>absente</strong></td>
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4. **Election of Councilors at Large and Replacement of Representatives (Annex 3).**

Tomaz Dentinho informed that according to the RSAI Constitution and By-Laws the election of the members for the places of Councilors at Large took place on-line along September and October. He also informed that the number of votes increased to 528 and that Amit Batabyal, Sumana Bandyopadhyay and Rosella Nicolini were elected Councilors at Large for the period 2018-2020.

M-IV - The RSAI Council approved unanimously the selection of Amit Batabyal, Sumana Bandyopadhyay and Rosella Nicolini as new Councillors at Large for the period 2018-2020 and approved a vote of thanks for the services provided to the association done by the Councillors at Large that served for the period 2015-2017 Emmanouil Tranos, Daniel Griffith and Tüzin Baycan.

5. **World Congress (Annex 4)**

Tomaz Dentinho informed the Council that the 1st Call for the submission of abstract for World Congress in Goa is open and that the target is to have around 500 delegates; he also informed that the budget of the Congress expect a margin of 13,000 € for RSAI. Neil Reid asked for more clear information on visa issues and if those who paid the registration fees in recent World Congresses (Bangkok 2014 and Istanbul 2016) that were not reimbursed, could be used as registration fees for the Congress in Goa. Tomaz Dentinho responded that the amount of registration fees that were not reimbursed is around 8000 € and that the Council can decide to allow free registration for the Congress in Goa for those that registered previously and were not reimbursed.

M-V- The RSAI Council agreed unanimously that those that registered previously and were not reimbursed can have a free registration for the Congress in Goa.

6. **Establishment of the Restructuring Committee of RSAI (Annex 5a, 5b and 5c)**

Budy Resosudarmo informed the Council that in the Council Meeting of Groningen decide to creation of a RSAI Committee to monitor the evolution of RSAI in Asia and to propose the restructuring of RSAI structure of supra regional associations within the period of three years. Budy Resosudarmo proposed the nomination of Kingsley
Haynes from the Long Range Planning Committee, Fu-Chuang Lai from PRSCO, Paul Snow from the Regional Science Association of China, someone appointed by the Japanese Section, Sumana Banerjee from the Indian Regional Science Association and himself as President of RSAI and member of the Indonesian Regional Science Association. Budy Resosudarmo said that the first meeting would be in May in Goa during the World Congress.

Rosella Nicolini said that RSAI should not adjust too much to incoming members. Budy Resosudarmo informed that the restructuring committee would assess the evolution of RSAI in Asia and Africa and see what might be the best structure to promote regional science around the world. Andrés Torre suggested that the committee should have one person from each supra regional. Budy Resosudarmo did not oppose the idea. Jouke Van Dijk said that we should focus on the issues to address that are mainly in Asia. Budy Resosudarmo clarified that the Committee will address two points: a) the accession of RSAC within RSAI (Annex 5a, Annex 5b; Annex 5c), and b) the restructuring of RSAI.

M-VI. The RSAI Council approved unanimously the constitution of the Restructuring Committee of RSAI.

7. **Contract with the Publishers (Annex 6a, 6b and 6c)**

Jean Claude Thill informed the Council that, following the decision of the RSAI Council in Minneapolis 2017, RSAI solicited proposals from various publishers for a new contract to publish RSAI journals. Jean Claude Thill said that three proposals were presented – Wiley, Oxford University Press (Oxford) and Springer – and a committee formed by himself, Budy Resosudarmo, Andrés Rodríguez-Pose, Mark Partridge, Roberta Capello and Tomaz Dentinho analysed the proposals and decided to recommend to RSAI Council to vote for the proposal of Oxford. Details of the proposals were discussed during Council meeting. Jean-Claude Thill will handle the finalization of a contract within the confines of what the current contract with Wiley requires.

M-VII. The RSAI Council approved unanimously to choose the proposal of the Oxford University Press based on royalties to publish the RSAI journals from 2019 until 2023.

8. **Note on Membership and financial relations with the Sections (Annex 7)**

Jouke Van Dijk said that nowadays RSAI universal membership fees are collected by RSAI Secretariat from the Sections and that ERSA collects from each section in Europe a Section fee of 250 €. Jouke Van Dijk said that such situation is confusing for the sections and the members. He suggested that those fees should be collected from the sections by the supraregions. Supraregional organizations then transfer the RSAI Universal membership fee to RSAI Secretariat. Tomaz Dentinho informed that before 2011 membership fees were collected by Wiley from the sections. Since 2011, RSAI Secretariat has been collecting the fees from the Sections or the Supraregional for the case of NARSC. RSAI Secretariat then pays the subscription of the journals to Wiley. Tomaz Dentinho also informed that once RSAI establishes a new contract with the publishers, RSAI universal membership fees could be allocated to international activities of RSAI, supraregions and sections; furthermore supra regions can collect directly the fees from the sections and sent them to RSAI as is done by NARSC and was done by ERSA for the fees coming from regional scientists in Lithuania before the creation of the Baltic Section. Roberta Capello said that we should clarify the financial issues between sections, supraregions and RSAI and reinforced that members should understand what they get from being part of the association. Budy Resosudarmo agreed that the financial issues between sections, supraregions da RSAI should be clarified in terms of collection of fees and distribution of resources and suggested that the topic should be addressed in the next Council Meeting with a proposal to address the financial issues between members, sections, supraregions and RSAI.

9. **Awards**

- **Hirotada Kohno Award**
Andrés Rodríguez-Pose informed the Council that Juan Ramón Cuadrado-Roura is the winner of the 2017 Kohno Prize. Juan Cuadrado-Roura is Founder Director of the Institute for Economic and Social Analysis (IAES) and Applied Economics Professor at the University of Alcalá.

- Jean Paelinck Award

Roger Stough informed the Council that the Selection Jury selected Professor Arthur Getis, a Professor Emeritus of Geography at San Diego State University, to receive the RSAI Jean Paelinck Award 2017.

- Peter Nijkamp Award

Carlos Azzoni informed the Council that the Peter Nijkamp Award 2017 will be given in the World Congress in Goa.

- Dissertation Competition Award

Laurie Schintler informed the Council that the Dissertation Award 2017 was given to Mirjam Schindler for her dissertation entitled “Spatial modelling of feedback effects between urban structure and traffic-induced air pollution - Insights from quantitative geography and urban economics”. Mirjam Schindler was supervised by Professor Geoffrey Caruso, Institute of Geography and Spatial Planning, University of Luxembourg.

- Stan Czamanski Award

Laurie Schintler informed the Council that there were no applications for the Stan Czamanski Award but that new applications can come to select an awardee for the Congress in Goa.

10. RSAI Publications

Papers in Regional Science (Annex 8a, 8b)

Roberta Capello asked on-line to change the editorial team of Papers in Regional Science (Annex 7a) because Michaela Tripl, has been appointed in an important position at the Vienna University. Roberta Capello suggested to substitute Michaela Tripl by Daniel Griffith (Annex 7a) to cover the area of quantitative geography and to have an additional editor based in the US.

M-VII. The RSAI Council approved on-line unanimously the proposal to substitute Michaela Tripl by Daniel Griffith in the editorial team of Papers in Regional Science.

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<td>18 Laurie Schintler</td>
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11. **Regional Science Academy**

Jouke Van Dijk said that this is the theme of the Regional Science Academy is a recurring one in the RSAI Council and does not understand why that is the case. Tomaz Dentinho said that the topic of the agenda was kept from the last meeting in Groningen since there was no time to reach it.

12. **Date of next meeting**

Goa, May 2018
### 2017 RSAI Council Members

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<td>1 Budy Resosudarmo</td>
<td>President</td>
<td>2017-2018</td>
<td><a href="mailto:budy.resosudarmo@anu.edu.au">budy.resosudarmo@anu.edu.au</a></td>
</tr>
<tr>
<td>2 Patricio Aroca</td>
<td>PRSCO President</td>
<td>2016-2017</td>
<td><a href="mailto:parciao@ucr.cl">parciao@ucr.cl</a></td>
</tr>
<tr>
<td>3 Jiacheng Yang</td>
<td>PRSCO President</td>
<td>2013-2018</td>
<td><a href="mailto:jyang@rsai.envr.tsukuba.ac.jp">jyang@rsai.envr.tsukuba.ac.jp</a></td>
</tr>
<tr>
<td>4 Erendira Serrano</td>
<td>PRSCO Representative</td>
<td>2015-2017</td>
<td><a href="mailto:eserrano@hotmail.com">eserrano@hotmail.com</a></td>
</tr>
<tr>
<td>5 Neil Reid</td>
<td>NARSC President</td>
<td>2012-2017</td>
<td><a href="mailto:neil.reid@utoledo.edu">neil.reid@utoledo.edu</a></td>
</tr>
<tr>
<td>6 Peter Steinberg</td>
<td>NARSC Representative</td>
<td>2016-2018</td>
<td><a href="mailto:steinberg@eeg.uminho.pt">steinberg@eeg.uminho.pt</a></td>
</tr>
<tr>
<td>7 Alessandra Faggian</td>
<td>NARSC Representative</td>
<td>2016-2018</td>
<td><a href="mailto:alessandra.faggian@post.it">alessandra.faggian@post.it</a></td>
</tr>
<tr>
<td>8 Jouke Van Dijk</td>
<td>ERSA President</td>
<td>2015-2018</td>
<td><a href="mailto:jouke.van.dijk@rug.nl">jouke.van.dijk@rug.nl</a></td>
</tr>
<tr>
<td>9 Isabelle Thomas</td>
<td>ERSA representative</td>
<td>2015-2017</td>
<td><a href="mailto:isabelle@geog.ucl.ac.uk">isabelle@geog.ucl.ac.uk</a></td>
</tr>
<tr>
<td>10 Andre Torrent</td>
<td>ERSA representative</td>
<td>2014-2019</td>
<td><a href="mailto:andre.torrent@wageningen.fr">andre.torrent@wageningen.fr</a></td>
</tr>
<tr>
<td>11 Carlos Azzoni</td>
<td>LACRSA President</td>
<td>2015-2017</td>
<td><a href="mailto:cazzoni@usp.br">cazzoni@usp.br</a></td>
</tr>
<tr>
<td>12 Jaime Bonet</td>
<td>LACRSA Representative</td>
<td>2017-2020</td>
<td><a href="mailto:jbonetmo@bank.gov.co">jbonetmo@bank.gov.co</a></td>
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<tr>
<td>13 Eduardo Haddad</td>
<td>LACRSA Representative</td>
<td>2017-2020</td>
<td><a href="mailto:ehaddad@usp.br">ehaddad@usp.br</a></td>
</tr>
<tr>
<td>14 Emmanuel Trans initial</td>
<td>Councilor at large</td>
<td>2015-2017</td>
<td><a href="mailto:e.trans@bham.ac.uk">e.trans@bham.ac.uk</a></td>
</tr>
<tr>
<td>15 Daniel Griffith</td>
<td>Councilor at large</td>
<td>2015-2017</td>
<td><a href="mailto:d.griffith@utdallas.edu">d.griffith@utdallas.edu</a></td>
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<tr>
<td>16 Taiin Baycan</td>
<td>Councilor at large</td>
<td>2015-2017</td>
<td><a href="mailto:tbaycan@itu.edu">tbaycan@itu.edu</a></td>
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<td>17 Fabio Mazzola</td>
<td>Councilor at large</td>
<td>2016-2018</td>
<td><a href="mailto:fabio.mazzola@unipa.it">fabio.mazzola@unipa.it</a></td>
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<tr>
<td>18 Laurie Schintler</td>
<td>Councilor at large</td>
<td>2017-2020</td>
<td><a href="mailto:lschintler@naru.edu">lschintler@naru.edu</a></td>
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<tr>
<td>19 Mark Partridge</td>
<td>President Elected</td>
<td>2017</td>
<td><a href="mailto:partridge.27@osu.edu">partridge.27@osu.edu</a></td>
</tr>
<tr>
<td>20 Tomaz Dentinho</td>
<td>Executive Director</td>
<td>2011-2018</td>
<td><a href="mailto:tomas.lc.dentinho@uac.pt">tomas.lc.dentinho@uac.pt</a></td>
</tr>
<tr>
<td>21 Francisco Carballo Cruz</td>
<td>ERSA representative (transition)</td>
<td>2017-2019</td>
<td><a href="mailto:fcarballo@eeg.uminho.pt">fcarballo@eeg.uminho.pt</a></td>
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### LRPC Members

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<th>Name</th>
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<tbody>
<tr>
<td>1 Peter Nikamp</td>
<td>President</td>
<td>1991-1992</td>
<td><a href="mailto:pmnikamp@fieweb.vu.nl">pmnikamp@fieweb.vu.nl</a></td>
</tr>
<tr>
<td>2 Ley J. Gibson</td>
<td>President</td>
<td>1993-1994</td>
<td><a href="mailto:lgibson@arizona.edu">lgibson@arizona.edu</a></td>
</tr>
<tr>
<td>3 Kingsley E. Haynes</td>
<td>President</td>
<td>1995-1996</td>
<td><a href="mailto:khaynes@gmu.edu">khaynes@gmu.edu</a></td>
</tr>
<tr>
<td>4 Peter W. J. Batey</td>
<td>President</td>
<td>1997-1998</td>
<td><a href="mailto:pwjbatery@liv.ac.uk">pwjbatery@liv.ac.uk</a></td>
</tr>
<tr>
<td>5 H.Khono</td>
<td>President</td>
<td>1999-2000</td>
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<tr>
<td>6 Geoffrey J.D.Hewings</td>
<td>President</td>
<td>2001-2002</td>
<td><a href="mailto:hewings@ucd.edu">hewings@ucd.edu</a></td>
</tr>
<tr>
<td>7 Antoine Bailly</td>
<td>President</td>
<td>2003-2004</td>
<td><a href="mailto:antoine.bailly@unige.ch">antoine.bailly@unige.ch</a></td>
</tr>
<tr>
<td>8 Robert J. Stimson</td>
<td>President</td>
<td>2005-2006</td>
<td><a href="mailto:rstimson@unimeb.edu.au">rstimson@unimeb.edu.au</a></td>
</tr>
<tr>
<td>9 Roger R. Stough</td>
<td>President</td>
<td>2007-2008</td>
<td><a href="mailto:rstough@gmu.edu">rstough@gmu.edu</a></td>
</tr>
<tr>
<td>10 Roberta Capello</td>
<td>President</td>
<td>2009-2010</td>
<td><a href="mailto:roberta.capello@polimi.it">roberta.capello@polimi.it</a></td>
</tr>
<tr>
<td>11 Yoshio Higano</td>
<td>President</td>
<td>2011-2012</td>
<td><a href="mailto:higano@naa.en.kobe-u.ac.jp">higano@naa.en.kobe-u.ac.jp</a></td>
</tr>
<tr>
<td>12 Jean-Claude Thill</td>
<td>President</td>
<td>2013-2014</td>
<td><a href="mailto:jean-claude.thill@uncc.edu">jean-claude.thill@uncc.edu</a></td>
</tr>
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<td>13 Andres Rodriguez Pose</td>
<td>President</td>
<td>2015-2016</td>
<td><a href="mailto:a.rodriguez-pose@lse.ac.uk">a.rodriguez-pose@lse.ac.uk</a></td>
</tr>
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<td>14 Jacques Poot</td>
<td>President</td>
<td>2017</td>
<td><a href="mailto:jpoit@weikato.ac.nz">jpoit@weikato.ac.nz</a></td>
</tr>
<tr>
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### RSAI Ex-Officio Members

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<th>Name</th>
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<tr>
<td>1 Roberta Capello</td>
<td>Editor of PIRS</td>
<td></td>
<td><a href="mailto:roberta.capello@polimi.it">roberta.capello@polimi.it</a></td>
</tr>
<tr>
<td>2 Tomaz Dentinho</td>
<td>Editor of RSPP</td>
<td></td>
<td><a href="mailto:tomas.lc.dentinho@uac.pt">tomas.lc.dentinho@uac.pt</a></td>
</tr>
<tr>
<td>3 David Boyle</td>
<td>Archivist</td>
<td></td>
<td><a href="mailto:d-boyle@northwestern.edu">d-boyle@northwestern.edu</a></td>
</tr>
<tr>
<td>4 Peter W. J. Batey</td>
<td>Archivist</td>
<td></td>
<td><a href="mailto:pwjbatery@liv.ac.uk">pwjbatery@liv.ac.uk</a></td>
</tr>
<tr>
<td>5 Andrea Caragliu</td>
<td>Newsletter Editor</td>
<td></td>
<td><a href="mailto:andrea.caragliu@polimi.it">andrea.caragliu@polimi.it</a></td>
</tr>
<tr>
<td>6 Graham Clarke</td>
<td>Newsletter Editor</td>
<td></td>
<td><a href="mailto:g.p.clarke@leeds.ac.uk">g.p.clarke@leeds.ac.uk</a></td>
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<tr>
<td>7 Hiroshi Shibuya</td>
<td>PRSCO Executive</td>
<td></td>
<td><a href="mailto:hiroshib@ntu.jp">hiroshib@ntu.jp</a></td>
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<td>8 Francisco Carballo Cruz</td>
<td>Treasurer</td>
<td></td>
<td><a href="mailto:fcarballo@eeg.uminho.pt">fcarballo@eeg.uminho.pt</a></td>
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<td>9 Elisabete Martins</td>
<td>Finance Director</td>
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<td><a href="mailto:elisabete.martins@apdr.pt">elisabete.martins@apdr.pt</a></td>
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### Invited Members

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<tr>
<td>1 Sumana Banerjee</td>
<td>President of the Regional Science Association in India</td>
<td></td>
<td><a href="mailto:sumona_bm@yahoo.com">sumona_bm@yahoo.com</a></td>
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<tr>
<td>2 Anahit Harutyunyan</td>
<td>Armenian Delegation</td>
<td></td>
<td><a href="mailto:anahit.harutyunyan@gmail.com">anahit.harutyunyan@gmail.com</a></td>
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<td>3 Abdellatif Khattabi</td>
<td>President of the Moroccan Section</td>
<td></td>
<td><a href="mailto:ab_khattabi@yahoo.com">ab_khattabi@yahoo.com</a></td>
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<tr>
<td>4 Xue Ling</td>
<td>Vice President of the Regional Science Association of China</td>
<td></td>
<td><a href="mailto:xueling@pku.edu.cn">xueling@pku.edu.cn</a></td>
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<tr>
<td>5 Xi Guangping</td>
<td>Executive member of the council of RSAC</td>
<td></td>
<td><a href="mailto:lgp@pku.edu.cn">lgp@pku.edu.cn</a></td>
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<tr>
<td>6 WU Aiwei</td>
<td>Academic Secretary of RSAC</td>
<td></td>
<td><a href="mailto:waz@pku.edu.cn">waz@pku.edu.cn</a></td>
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## Annex 2a – Budget for 2018

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<td>1</td>
<td>Vinko Mustra</td>
<td>vmust ra@es t.hr</td>
<td>TRSA- University of Split</td>
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<tr>
<td>2</td>
<td>Maria Giulia Pezzi</td>
<td><a href="mailto:giulia.pezzi@gssi.it">giulia.pezzi@gssi.it</a></td>
<td>Gran Sasso Science Institute, Social Sciences Unit – University of Aquila</td>
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<tr>
<td>3</td>
<td>Faridah Djella</td>
<td>farida h.djell a@ull e1.f t</td>
<td>ERSA - University of Lille</td>
</tr>
<tr>
<td>4</td>
<td>Marites Tiongco</td>
<td>marites.tiong co@dls u.edu.ph</td>
<td>PRSCO - De La Salle University</td>
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<tr>
<td>5</td>
<td>Nguyen Luan Bao Doan - Khoa</td>
<td>doann lb@ue h.edu.vn</td>
<td>PRSCO - The University of Economics – HCMC, Vietnam</td>
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<tr>
<td>6</td>
<td>Stefa n Rehak</td>
<td>stefan.rehak@eub a.sk</td>
<td>ERSA - University of Economics in Bratislava</td>
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<tr>
<td>7</td>
<td>Hera Susan ti</td>
<td>hera.c pt27b @gma il.com</td>
<td>PRSCO - Department of Economics FEB UI, Kampus UI Depok, Indonesia.</td>
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<tr>
<td>8</td>
<td>Rafael l Boix</td>
<td>rafael. <a href="mailto:boix@uv.es">boix@uv.es</a></td>
<td>University of Valencia</td>
</tr>
<tr>
<td>9</td>
<td>Arim Neto</td>
<td>amnet o@nu x.wvu. edu</td>
<td>NARSC - West Virginia University</td>
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</tbody>
</table>

| Total | 41320 | 30000 | 30000 |
## Annex 3 – Election of Councilors at Large

**ELECTION OF THE RSAI COUNCILORS AT LARGE**

**ELECTRONIC BULLETIN**

**VOTES**

---

**Name**

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Period</th>
<th>Email</th>
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</thead>
<tbody>
<tr>
<td>Budy Resosudarmo</td>
<td>President</td>
<td>2017-2018</td>
<td><a href="mailto:budy.resosudarmo@anu.edu.au">budy.resosudarmo@anu.edu.au</a></td>
</tr>
<tr>
<td>Mark Partridge</td>
<td>Vice President</td>
<td>2018</td>
<td><a href="mailto:partridge.27@osu.edu">partridge.27@osu.edu</a></td>
</tr>
<tr>
<td>Fu-Chuan Lai</td>
<td>PRSCO President</td>
<td>2018-2020</td>
<td><a href="mailto:fuchuan.lai@gate.sinica.edu.tw">fuchuan.lai@gate.sinica.edu.tw</a></td>
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<tr>
<td>Lily Arrifow</td>
<td>PRSCO Representative</td>
<td>2018-2020</td>
<td><a href="mailto:amrita.alisjahbana@unpad.ac.id">amrita.alisjahbana@unpad.ac.id</a></td>
</tr>
<tr>
<td>Neil Reil</td>
<td>NARSC President</td>
<td>2016-2018</td>
<td><a href="mailto:neil.reid@utoledo.edu">neil.reid@utoledo.edu</a></td>
</tr>
<tr>
<td>Peter Stenberg</td>
<td>NARSC Representative</td>
<td>2016-2018</td>
<td><a href="mailto:STENBERG@ers.usda.gov">STENBERG@ers.usda.gov</a></td>
</tr>
<tr>
<td>Alessandra Faggian</td>
<td>NARSC Representative</td>
<td>2016-2018</td>
<td><a href="mailto:alessandra.faggian@gssi.it">alessandra.faggian@gssi.it</a></td>
</tr>
<tr>
<td>Jouke Van Dijk</td>
<td>ERS A President</td>
<td>2015-2018</td>
<td>jouke.van.a.rug.nl</td>
</tr>
<tr>
<td>Francisco Carballo Cruz</td>
<td>ERS A Representative</td>
<td>2017-2019</td>
<td><a href="mailto:francisco.carballo@uam.es">francisco.carballo@uam.es</a></td>
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<tr>
<td>Andre Torre</td>
<td>ERS A Representative</td>
<td>2014-2019</td>
<td><a href="mailto:andre.torre@wanadoo.fr">andre.torre@wanadoo.fr</a></td>
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<tr>
<td>Serena</td>
<td>LARSA President</td>
<td>2018-2020</td>
<td><a href="mailto:seamen@kuleuven.be">seamen@kuleuven.be</a></td>
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<tr>
<td>Jaime Bonet</td>
<td>LARSA Representative</td>
<td>2017-2019</td>
<td><a href="mailto:jaime.bonet@kuleuven.be">jaime.bonet@kuleuven.be</a></td>
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<tr>
<td>Eduard Hoffdul</td>
<td>LARSA Representative</td>
<td>2017-2019</td>
<td><a href="mailto:eduard.hoffdul@nikhef.nl">eduard.hoffdul@nikhef.nl</a></td>
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<tr>
<td>Amit Batabyal</td>
<td>Councillor at large</td>
<td>2018-2020</td>
<td><a href="mailto:amit.batabyal@nlanet.freeservers.com">amit.batabyal@nlanet.freeservers.com</a></td>
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<tr>
<td>Sumana Bandyopadhyay</td>
<td>Councillor at large</td>
<td>2018-2020</td>
<td><a href="mailto:su.cs@3051.cs">su.cs@3051.cs</a>@gmail.com</td>
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<tr>
<td>Rosella Nicoli</td>
<td>Councillor at large</td>
<td>2018-2020</td>
<td><a href="mailto:rosella.nicoli@unipa.it">rosella.nicoli@unipa.it</a></td>
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<td>Fabio Mazziola</td>
<td>Councillor at large</td>
<td>2016-2018</td>
<td>f <a href="mailto:fabio.mazziola@unipa.it">fabio.mazziola@unipa.it</a></td>
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<tr>
<td>Laurie Schmitler</td>
<td>Councillor at large</td>
<td>2017-2019</td>
<td><a href="mailto:lschintl@gmu.edu">lschintl@gmu.edu</a></td>
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<tr>
<td>Tomaz Dentinho</td>
<td>Executive Director</td>
<td>2011-2018</td>
<td><a href="mailto:t.dentinho@nlanet.freeservers.com">t.dentinho@nlanet.freeservers.com</a></td>
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<tr>
<td>Patricio Aroca</td>
<td>PRSCO President</td>
<td>2016-2017</td>
<td><a href="mailto:patricio.aroca@unipa.it">patricio.aroca@unipa.it</a></td>
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<tr>
<td>Evrenlima Sarıcan</td>
<td>Price Representative</td>
<td>2015-2017</td>
<td><a href="mailto:evrenlima.saric@unipa.it">evrenlima.saric@unipa.it</a></td>
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<tr>
<td>Neil Reid</td>
<td>NARSC President</td>
<td>2012-2017</td>
<td><a href="mailto:neil.reid@helsinki.edu">neil.reid@helsinki.edu</a></td>
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<tr>
<td>Isabelle Thomas</td>
<td>EnSA Representative</td>
<td>2015-2017</td>
<td><a href="mailto:isabelle@geog.ucl.ac.uk">isabelle@geog.ucl.ac.uk</a></td>
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<td>Carlos Azón</td>
<td>CARTA President</td>
<td>2015-2017</td>
<td><a href="mailto:carlos.azon@umed.edu">carlos.azon@umed.edu</a></td>
</tr>
<tr>
<td>Emmanuel Tzimas</td>
<td>Councillor at large</td>
<td>2015-2017</td>
<td><a href="mailto:tzmastis@uab.cat">tzmastis@uab.cat</a></td>
</tr>
<tr>
<td>Daniel Griffith</td>
<td>Councillor at large</td>
<td>2015-2017</td>
<td><a href="mailto:daniel.griffith@uoftalas.edu">daniel.griffith@uoftalas.edu</a></td>
</tr>
<tr>
<td>Tuijn Baycan</td>
<td>Councillor at large</td>
<td>2015-2017</td>
<td><a href="mailto:tuijn.baycan@uoftalas.edu">tuijn.baycan@uoftalas.edu</a></td>
</tr>
</tbody>
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**Participation by Country**

- USA
- Taiwan
- Turkey
- Japan
- Italy
- Spain
- Germany
- The Netherlands
- Romania
- Mexico
- Brazil
- Poland
- France
- Austria
- India
- United Kingdom
- Portugal
- Israel
- Greece
- Canada
- Croatia
- Chile
- Slovakia
- South Korea
- Colombia
- Sweden
- New Zealand
- Indonesia
- Czech Republic
- Austria
- Switzerland
- Ireland
- Denmark
- Belgium
- Argentina
- Turkey
- Ecuador
- China

---

**Mandates that finish in 2017**

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<tr>
<td>Patricio Aroca</td>
<td>PRSCO President</td>
<td>2016-2017</td>
<td><a href="mailto:patricio.aroca@unipa.it">patricio.aroca@unipa.it</a></td>
</tr>
<tr>
<td>Evrenlima Sarıcan</td>
<td>Price Representative</td>
<td>2015-2017</td>
<td><a href="mailto:evrenlima.saric@unipa.it">evrenlima.saric@unipa.it</a></td>
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<tr>
<td>Neil Reid</td>
<td>NARSC President</td>
<td>2012-2017</td>
<td><a href="mailto:neil.reid@helsinki.edu">neil.reid@helsinki.edu</a></td>
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<tr>
<td>Isabelle Thomas</td>
<td>EnSA Representative</td>
<td>2015-2017</td>
<td><a href="mailto:isabelle@geog.ucl.ac.uk">isabelle@geog.ucl.ac.uk</a></td>
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<tr>
<td>Carlos Azón</td>
<td>CARTA President</td>
<td>2015-2017</td>
<td><a href="mailto:carlos.azon@umed.edu">carlos.azon@umed.edu</a></td>
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<td>Councillor at large</td>
<td>2015-2017</td>
<td><a href="mailto:tzmastis@uab.cat">tzmastis@uab.cat</a></td>
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<td>Daniel Griffith</td>
<td>Councillor at large</td>
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<td>Tuijn Baycan</td>
<td>Councillor at large</td>
<td>2015-2017</td>
<td><a href="mailto:tuijn.baycan@uoftalas.edu">tuijn.baycan@uoftalas.edu</a></td>
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### Annex 4: World Congress in Goa

#### Budget

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<tr>
<th></th>
<th>Quantities</th>
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<th>Values</th>
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<tbody>
<tr>
<td><strong>Total Revenues</strong></td>
<td></td>
<td></td>
<td>101 510 €</td>
</tr>
<tr>
<td>Accompanying person</td>
<td>38</td>
<td>200 €</td>
<td>7 550 €</td>
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<tr>
<td>Regular Delegate – RSAI members</td>
<td>151</td>
<td>390 €</td>
<td>58 890 €</td>
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<td>Students Delegate – RSAI members</td>
<td>38</td>
<td>270 €</td>
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<td>19</td>
<td>420 €</td>
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<td>8</td>
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<td>Accompanying person from Low Income Country</td>
<td>26</td>
<td>50 €</td>
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<td>227</td>
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<td>Reduced Rate from Low Income Country – non RSAI members</td>
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<td>1</td>
<td>20 302 €</td>
<td>20 302 €</td>
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<td>Renting of the venue</td>
<td>1</td>
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<td>Secretariat Assistance (IRSA)</td>
<td>1</td>
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<tr>
<td>Welcome reception</td>
<td>529</td>
<td>4 €</td>
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<td>16 €</td>
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<td>Coffee-break</td>
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<td>4 761 €</td>
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<td>Transfers from Hotels</td>
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<td>3174 €</td>
<td>3 174 €</td>
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<tr>
<td>Travel and accommodation of Key Speakers</td>
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<td>3 000 €</td>
<td>6 000 €</td>
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<tr>
<td>Compensation for Key Speakers</td>
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<tr>
<td>Design of Communication materials</td>
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<td>Printing of Posters and other marketing material for the congress</td>
<td>1</td>
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<td>Abstract book</td>
<td>529</td>
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<td>5 290 €</td>
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<td>1 323 €</td>
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<td><strong>Margin for IRSA</strong></td>
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#### RSAI Office Support in Organising the Congress

**RSAI Revenues**: 20 302 €

**Total RSAI Costs**: 6 495 €

- Cost of Traveling of RSAI Secretariat to India (1 person): 2 980 €
- Congress software registration site: 2 500 €
- Office supplies and equipment, stamps, carriage charges for RSAI: 1 015 €

**RSAI Margin**: 13 807 €

#### Margins by Partner

<table>
<thead>
<tr>
<th>Partner</th>
<th>Value</th>
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<tr>
<td>RSAI</td>
<td>13 807 €</td>
</tr>
<tr>
<td>IRSA</td>
<td>10 000 €</td>
</tr>
<tr>
<td>BITS</td>
<td>20 000 €</td>
</tr>
<tr>
<td>Time</td>
<td>Tuesday 29 May 2018</td>
</tr>
<tr>
<td>------</td>
<td>------------------</td>
</tr>
<tr>
<td><strong>Registration desk</strong></td>
<td>14:00-18:00 – Goa Campus Venue</td>
</tr>
</tbody>
</table>
| 09:00-10:30 | | Sessions on **Forty under Forty**  
Geoffrey Hewings (Chair)  
[09:00-10:30] | Regular and Special Sessions  
[09:00-10:30] | Regular and Special Sessions  
[09:00-10:30] |
| 10:30-11:00 | | Coffee break | Coffee break | Coffee break |
| 11:00-12:30 | | Sessions on **Forty under Forty**  
Geoffrey Hewings (Chair)  
[11:00-12:30] | Semi Plenary Session of the  
Regional Science Academy  
Peter Nijkamp (Chair)  
[11:00-12:30] | **ROUND TABLE**  
Social Integration and Global Citizenship  
Keynote speakers:  
Andres Rodriguez Pose (chair),  
Armida Alisjahbana, Rahmah Ismail, Abdul Shaban n India,  
Bina Agarwal and Anindita Datta  
[11:00-12:30] |
| 12:30-14:00 | | Lunch | Lunch | LRPC Meeting  
(by invitation only) |
| 14:00-15:30 | | Regular and Special Sessions  
[14:00-15:30] | PRSCO Council Meeting  
(by invitation only) | Regular and Special Sessions  
[14:00-15:30] |
| 15:30-16:00 | | Coffee break | Coffee break | Coffee break |
| 16:00-16:30 | OPENING CEREMONY  
Bibek Debroy Government of India  
S. Putteraju, Government of Goa  
Sunita Narain, Down to Earth  
Budy Resosudarmo, RSAI  
Debasis Patnaik BITS  
Sumana Bandyopadhyay IRSA | PLENARY SESSION  
Main Schools of Regional Science  
Roger Stough (chair), Henri de Groot, Vicente Royuela,  
Jouke van Dijk, Helmut Yabar, Trakeshi Mizunoya,  
Eduardo Haddad, Andrés Rodriguez-Pose, Kieran Donaghy | PLENARY SESSION  
“Regional Cooperation Policy”  
Keynote speakers:  
Kingsley Haynes (chair), Iwan Azis, Steven G. Craig,  
and Joaquim Oliveira Martins  
[16:00-18:00] | PLENARY SESSION  
“Space Programme and Geoinformatics: Policy and Practice”  
[16:00-18:00] |
| 16:30-18:00 | | PLENARY SESSION  
Budy Resosudarmo (Chair)  
Janet E. Kohlhase  
Andrés Rodriguez Pose  
[16:30-18:00] | PLENARY SESSION  
“Regional Cooperation Policy”  
Keynote speakers:  
Kingsley Haynes (chair), Iwan Azis, Steven G. Craig,  
and Joaquim Oliveira Martins  
[16:00-18:00] | |
Dear my Colleagues:

Many thanks for your constructive and proactive discussion (especially by Bob, Kingsley, Lay, Peter, Patricio, Budy, and Antoine) related with my e-mail about proposal of RSAC to be affiliated to RSAI directly.

There are two issues which were confused and sometimes the one might be missed by views/opinions focusing on the other. Also, their time-span for argument should be originally different and are now complicated and confused.

1. What criterion and standard shall be applied for approval of an academic organization (regional/national basis, or international basis with specified countries, languages, etc. – henceforth called as applicant) as an RSAI Section?

2. How RSAI should be re-organized in order to incorporate “sections” which are currently – or will be - outside of the current super-regions?

Views related with the issue 1:

(i) In case applicant belongs to the territory of super-region, the standard/criterion prescribed by super-region shall be applied as RSAI Constitution says. So, in case applicant applies her affiliation to RSAI through super-region whose territory she belongs to, there should be no further arguments as far as RSAI Constitution is concerned. The matter shall be handled by super-region and affiliation is recommended to RSAI in case super-region has approved affiliation.

(ii) In case applicant is completely outside of currently existing super-regions, RSAI shall take leadership with the matter. Even in that case, as far as the matter is related with currently existing super-region or RSAI Section in any sense and to whatever extent, RSAI shall listen to related super-region/RSAI Section while RSAI shall take leadership with the matter.

In this case, we must examine, for example, whether applicant will grow stably and sustainably by incorporating universities and institutes nation-widely if applicant propose a national section (say converge by applicant is argued as nation-wide); we must examine at first whether applicant has shown enough materials with which we can do the examination, e.g., directory of RSAI membership fee paying members in RSAI format, etc.

(iii) RSAC application shall be exceptional even if approved by RSAI. As I have already written in previous e-mail, RSAI can do anything once RSAI Council has decided although it might contradict to RSAI Constitution. In case of contradiction, impact (cost) could be of course huge although expected benefit could be huge like in RSAC case. While admitting this, RSAI shall be more careful about prescribing criteria/standards/conditions with which RSAI approve application by RSAC. This is must and shall be promptly done. In this case, apparently RSAI shall listen to PRSCO and Taiwan.

As far as we follow RSAI Constitution, RSAI shall treat RSAC as a ‘group’ in RSAI under the current Constitution of RSAI while RSAI offers and applies universal membership system for RSAC members as an exception. In my view, this special and specific case may bring more flexibility for RSAI in discussing the above issue 2.
Views related with the issue 2:

(a) As I have already written, basically RSAI and super-regions have been operated based on actual results (activities). Recent good example is LACRSA. The constituents have records to be active RSAI Sections of existing super-regions, say PRSCO and NARSC/RSAmerica, so long time. Always existing super-regions take important roles and shall not be neglected. In this sense, the relation between RSAI and super-regions/RSAI Sections in the above views (i), (ii), and (iii) shall be morphologically kept when RSAI strategically considers structural reorganization. Namely, we must realize that RSAI and super-regions are and shall be operated based on bottom-up system, too. (As far as I am correct, Indian RSA has been Membership Section of PRSCO since Bangalore and has a record of PRSCO activity.) More directly speaking, in case RSAI considers strategically creation of a new super-region, RSAI shall listen to existing super-regions/RSAI Sections.

(b) As for RSAC case, if RSAI will approve her application to become an RSAI section based on criteria/standards that will be prescribed in a short span as stated in the above (iii), I dare to say once again it will be apparently against RSAI Constitution. While admitting this, RSAI should prepare for (re-) organization of super-regions, say future positioning of RSAC in super-region, so that it will not hurt already existing and active CRSA-T (Taiwan) in PRSCO.

(c) In any way, RSAI shall be more careful with approval of RSAC as an RSAI Section (eve if approved, RSAC shall be a group in RSAI under the current Constitution of RSAI although it is specially treated with application of universal membership system) because it will affect our future strategy and may rather confine flexibility of RSAI strategy.

(d) If terminology of reorganization is used as what means any grand transformation from the current bottom-up system of RSAI via revision of RSAI Constitution, it is not good idea. Considering historically, geographically, and politically complicated current structure of RSAI and further considering current and future situations RSAI must face, I do not believe we can have a better system. Rather, we should try to enhance the bottom-up system, which RSAI had to reach to after 40 years of confusion period while RSA (former RSAI) tried to establish a stable international organization) and RSAI has matured under umbrella of super-regions. For example, acquisition of NGO status by UN is one possible and effective way as Antoine and Roger suggested and tried to. In that case we must consider revision of RSAI Constitution and it will really have meaningfulness for us strategically.

Best regards,

Yoshiro

Past President of RSAI and Member of LRPC
Annex 5b: Letter of Peter Nijkamp regarding the application of RSAC

Dear Yoshiro:

Sorry for my late reply to your last email, but the medical situation of my wife was taking all my attention. Fortunately, she is improving now, although it will remain a source of concern. Hope things on your side are improving.

Back to the new future plans for RSAI. I just make a few remarks and suggestions based on my personal experience.

1. The current situation in our world with more globalisation of science requires a rethinking of the organizational structures of RSAI. Otherwise, we will become a marginalised group.
2. New sections in Africa (e.g. South Africa, Morocco, Capo Verde, Kenya) and in Asia (e.g., the Caucasian Section, India) have to find a home base; otherwise they will turn to other organizations.
3. It seems plausible to divide the global RSAI organisation into 5 continental supraregional groups: North America, Latin America, Europe, Africa, and Asia-Pacific.
4. Three of these groups are rather well established now: North America, Latin America and Europe.
5. Africa needs quite some attention, but has in principle a great potential if South Africa and Morocco take the lead here.
6. Asia-Pacific is a challenge, as this includes PRSCO, China (still to be included), India (on its way to be included) and the Western part of Asia (with much dynamics in Armenia, Georgia, Kazachstan, and the Gulf States).
7. I see a great perspective; PRSCO could be transformed into an Asia-Pacific RSAI supraregional group, incorporating the PRSCO countries including Australasia, as well as China, India, and the Western Asian countries. One thing is sure: India, Western Asia and most likely China will not join PRSCO.
8. From that perspective, I would suggest that you take the lead in building up an 'extended' PRSCO, which might become the biggest RSAI group in the world! You have the skills and support to do so.
9. Of course, such a transformation takes time and the current RSAI regulations are not so flexible. So, I wonder whether with all respect for current rules and arrangements (which are apparently outdated) we could develop a gradual transition toward a new RSAI model.
10. I am not so familiar with the Chinese situation, except that I know many excellent Chinese regional scientists who are very international and speak fluently English. If China joins RSAI (the earlier the better), we need to have a broad coverage of international scholars in China.

Well Yoshiro, I hope I have contributed to a positive discussion on the issues raised by you. I wish you all the best and hope to see you soon.

Peter Nijkamp
Annex 5b: The Minutes of the Third Meeting of the 6th Standing RSAC Council

Oct.13, 2017 of RSAC
Time: 7:00pm-8:30pm, Friday, Oct.13, 2017,
Venue: Room 402, 1st Building of Midsummer Garden Hotel of Dalian, Liaoning. Province, PRC
Attendees: Members of the 6th Standing Councils

Item 4 of the Meeting Agenda:

Mr. Xue, vice-president of the council, introduced matters related to the accession into Regional Science Association International (RSAI). In November 2016, the main leaders of the Regional Science Association of China (RSAC) had a discussion with Mr. Tomaz, secretary general of RSAI, around issues related to RSAC’s accession into the RSAI, an initiative that has been highly welcomed by all the previous and current members of RSAI but has been postponed due to the issue of Taiwan. One of the work priorities of RSAC in the first half of 2017 is the preparation of application materials for RSAI membership which include the introduction of RSAC and its key milestone development. In May 2017, the Secretariat of RSAC filed a formal application to RSAI, together with the letters from Mr. Yang Kaizhong (president of RSAC) and Mr. Wei Houkai (chairman of RSAC) to express our intention to join RSAI. Later, we received a very positive response from RSAI who then sent us an invitation to attend its council meeting held at the University of Groningen in the second half of August this year. We accepted this invitation and a small delegation headed by Mr. Xue, vice-chairman of RSAC attended this meeting where a dedicated report on China’s application was presented by the Chinese delegation.

The RSAI warmly welcomes the Regional Science Association of China to join its family, and hopes that RSAC can join as an independent entity, or reorganize the current PRSCO and form the Regional Science Association of Asia as a parallel organization. But we believe that the current biggest obstacle for RSAC to join RSAI is the issue of Taiwan. The Standing Council of RSAC has proposed three solutions to the Taiwan issue:

(a). RSAC can join RSAI on the premise that Taiwan withdraws its membership from RSAI;
(b). If the Regional Science Association of Taiwan is a member of the RSAI, then RSAC will not join;
(c). By referencing the approach adopted by IGU, RSAI can help mediate and convince Taiwan to change its name into China-Taipei for the purpose of membership identity, and then RSAC can join RSAI.

But this approach is subject to the approval by the Taiwan Affairs Office of the State Council and the China Social Organization. We will rely on RSAI to communicate the above three proposals with the Taiwan side.

In a nutshell, at present, the fundamental issue is the Taiwan issue, as long as there is a solution to this, problems such as language and membership fee will be resolved as the next steps.
Annex 7: ERSA Note on Membership and Financial Relations between Sections

2018 it must be possible to increase the revenues from the journals, because e.g. the Regional Studies Association makes a profit on their journals of about € 500.000.

In addition to that, RSAI revenues may increase if the number of members increases, while the benefits for ERSA are constant and not depending on the number of members. RSAI also intends to increase the revenues in 2018 via making profits from the bi-annual World Congress starting in 2018 with Goa, India. The World Congress may compete with supranational congresses and lower their profits. From the profit RSAI makes, it spends now annually € 30.000 on Nurturing New Talent, Building Bridges and Support for the Preparation of Research projects. Informally RSAI has agreed to pay each year about € 7.000 to support the ERSA Summerschool, but this is no guarantee: the Summerschool organizers need to apply each year to RSAI to get this amount. Until now, ERSA and the other supra regionals do not get a share of the profits.

Based on the above we can conclude that ERSA does not have an administration of its members. ERSA sections pay about € 4.750 to ERSA and € 20.000 to RSAI, which is four times as much as the sections to pay to ERSA via the € 250 fee per section. The profits of the RSAI from journals, more members and the World Congress all go to RSAI and these profits may increase in the near future with a new deal with the publishers and more revenues from members and the World Congress. The supranationals due not get a share of the profits of RSAI and do not have a formal say in how the revenues are spend.

Based on the above description of the current situation and expected future development the following issues can be discussed from the future perspective of ERSA (and other supra regionals) and lead to concrete proposals for discussion in the ERSA Council and with RSAI:

1. Does ERSA prefers to have its own membership administration in order to be able to know them and to communicate with them?

2. Does ERSA prefers to collect the memberships directly from the ERSA sections, instead of RSAI? The constitution of RSAI allows this in Article III. Membership, Section 1. Members: Membership of RSAI is normally obtained through membership of a local Section. Membership shall be renewed annually by payment of dues. This may be through a capitation levied on a section and/or collected through one of the superregional organizations established by the Association. NARSC as supraregional is already collecting the membership fees from its sections and pays this directly to RSAI.

3. Do the ERSA / RSAI members really benefit from the access to journals via RSAI or do they already have access via their own institutions? Can ERSA provide other services to its members?

4. Is it worthwhile to explore that ERSA can share in the profits that now go to RSAI, like profits from the journals, especially when more profitable conditions are obtained when the contract with a (new) publisher is revised?

5. Does ERSA like to propose to change the distribution of the membership fees in order to use a certain share for ERSA activities, like a Summerschool, instead of transferring the total amount to RSAI and having to apply to RSAI for support for the ERSA Summerschool?

Simulation of profits for ERSA based on 2.000 members and 20 sections under various assumptions lead to the following outcomes:

A. Present situation: ERSA collects € 250 per section: ERSA REVENUES: € 5.000
B. ERSA collects € 250 per section and € 10 per member: ERSA REVENUES: € 25.000
C. ERSA collects € 10 per member: ERSA REVENUES: € 20.000
D: ERSA collects € 10 per member, and donates € 5 to RSAI: ERSA REVENUES: € 10.000
E: ERSA collects € 12,50 per member: ERSA REVENUES: € 25.000
F: ERSA collects € 12,50 per member and € 6,50 to RSAI: ERSA REVENUES: € 12.500

Appendix A. From the minutes of the EOC in February 2017:
Maciej Turala reports that the Nordic Section has submitted a motion for the EOC’s attention. He reads the text submitted by Lars Westin prior to the meeting (on January 26th, 2017):

For us in the Sections it is confusing and time consuming both to be collective members in ERSA and individual members in RSAI. In all communications, we emphasise that ERSA is a part of the RSAI umbrella, the World of Regional Science Network.

As an individual member one is extremely weak in relation to RSAI. A fact that makes it difficult to organise a critique of the way RSAI works (their last attempts to organise global conferences is examples of some sort of
lack of sensitivity to processes in the international development). There is, moreover, the confusing membership list at RSAI in relation to membership records of annually paying members in the sections. There should be only one membership list - the one the sections are in control of. This list should be communicated to ERSA from the sections, in turn ERSA should communicate who its members are to RSAI. Hence, ERSA should act as the voice of the European members against RSAI. Membership in RSAI should be a part of the membership in a section and thus in ERSA. RSAI should annually or biannually present a plan for its future work that could be discussed in ERSA, given an audit and related to the amount of the fee we offer RSAI. It is said that this solution needs a change of the by-laws of ERSA. Hence, I demand that a revision of the by-laws is initiated in the next EOC meeting to make such a change in the relation between ERSA and RSAI possible. All in all, to increase the efficiency of the global regional science society and to strengthen filed of regional science.

Regards, Lars Westin, NRSA (Nordic section)

Maciej Turala proposes that a committee is set up and charged with a task of clarifying and streamlining the relationships between sections, ERSA and RSAI (in terms of membership fees, other payments etc.). He proposes that Lars Westin, as one who initiated the discussion, is made part of this committee.

Jouke van Dijk proposes that the committee should consist of Jouke van Dijk, Andre Torre, Isabelle Thomas, Francisco Carballo-Cruz who will prepare a document outlining the current state of relations between sections, ERSA and RSAI. The paper is then to be circulated to the sections and further discussed in the ERSA Council meeting in August 2017.

The EOC approves the proposal of the President.
Annex 8a: Letter to substitute Michaela Trippl by Daniel Griffith

To Prof. Budy Resosudarmo
President of RSAI
To all Members of RSAI Council
Milna, 7 December 2017
Dear President, dear members of RSAI Council,
dear colleagues and friends,

I am writing you since I need your support on the following issue. One of the Editors of PiRS, Michaela Trippl, has been appointed in an important position at the Vienna University, and she therefore has to leave her role of Editor, since she feels she has not got the right time to devote to such position. Michaela leaves by the end of December 2017.

For this reason, we have to choose another person to replace Michaela for the next year. I would like to suggest you the name of Daniel Griffith for the following reasons. His cv (in attachment) covers two necessities of the journal: i) to have the area of quantitative geography, where many papers come from, better covered than at present; ii) to have an additional editor based in the US.

The US is less covered than it should be, after Alessandra Faggian left the US and came back to Italy.

Daniel has a lot of editorial expertise. He has been Editor of Geographical Analysis, and being an RSAI Fellow, he is also very much engaged in RSAI activities. His seniority can also bring in new ideas and reflections, based on his expertise.

For this reason, I kindly ask you to support him to become a new editor of PiRS.

Many thanks indeed for the attention to this matter.
Roberta Capello
Editor-in-chief of PiRS
Annex 8b: CV of Daniel Griffith

VITAE
Dr. Daniel A. Griffith
(Version 1-24-2017)

CURRENT BUSINESS ADDRESS     CURRENT LOCAL ADDRESS
School of Economic, Political and Policy Sciences
University of Texas @ Dallas 5804 Bracknell Drive
800 W. Campbell Rd., GR 31 Parker, TX 75002-5473
Richardson, TX 75080-3021 cell: (972) 922-3045
telephone: (972) 883-4950 telephone: (972) 429-4817
fax: (972) 883-4967 fax: (972) 429-4817
e-mail: dagriffith@utdallas.edu

Academic specialty: spatial statistics; quantitative/urban/economic geography; applied statistics & statistical consulting; research proposal design

EDUCATIONAL BACKGROUND
→ Ph. D., geography, University of Toronto, 1978 (supervisor: L. Curry)
→ M. S., statistics, The Pennsylvania State University, 1985 (supervisor: J. K. Ord)
→ M. A., geography, Indiana University of Pennsylvania, 1972
→ B. Sc., mathematics, Indiana University of Pennsylvania, 1970

EMPLOYMENT HISTORY
→ adjunct professor, Dept. of Resource Economics and Environmental Sociology, U. of Alberta, 2015-2021
→ summer school visiting lecturer (China-wide enrollment), LIESMARS, Wuhan University, 2011-2017
→ summer school visiting lecturer, Department of Mathematics and Statistics, University of Jyväskylä, 2006
→ University of Texas at Dallas, professor (Ashbel Smith Professor endowed chair), 2005-present
  • successful UTD 2012 (6-year) Periodic Performance Evaluation
  • Geospatial Information Sciences Assistant Unit Head, 2005-2015
→ University of Miami, professor (and Graduate Faculty member), 2003-2005
→ The University of Cambridge, Leverhulme visiting professor, Spring 2004
→ Syracuse University, professor, 1988-2003; Chair, Department of Geography, 1995-1997
→ Syracuse University, Interdisciplinary Program in Statistics faculty, 1991-2003
→ SUNY/Environmental Sciences and Forestry, adjunct professor, 1992-2003
→ Ministerio de Educación del Perú, consultant, 2000-01 [funded by the British ESRC]
→ University of Rome "La Sapienza," 1-month visiting professor, February 1995
→ Erasmus University, Rotterdam, visiting professor, Fall 1992
→ Syracuse University, Director, Interdisciplinary Program in Statistics, 1991-92 & 1993-95
→ NY State Program in Geographic Information and Analysis, Deputy Director, 1989-90
→ Oregon State University, Department of Statistics, visiting EPA Environmental Monitoring and Assessment Program research affiliate, summers of 1990-93
AWARDS, HONORS, AND PROFESSIONAL RECOGNITIONS

Awards
- 2017 elected a foreign fellow, Royal Society of Canada: Academies of Arts, Humanities and Sciences
- 2017 UCGIS Research Award
- 2016 selected the SAMS-GA plenary speaker for the 2017 Boston AAG meeting
- 2016 International Spatial Accuracy Research Association (ISARA) Founder’s Award “for substantial and lasting contributions to the foundations of spatial accuracy.”
- 2015 nominated for 2016/17 Vice President, American Association of Geographers
- 2014 Fulbright Senior Specialist reappointment (with invitation to the U. of Alberta, CA)
- 2013 EPPS Outstanding Teaching Comet Award
- 2013 selected recipient, AAG Spatial Analysis and Modeling Specialty Group Outstanding Service Award
- 2011 elected fellow of the American Association for the Advancement of Science (AAAS)
- 2011 7th Arthur Getis Lecture in Spatial Analysis, San Diego State University
- 2010 AAG Distinguish Scholarship Honors recipient (noted online by the UTD News Center)
- 2007 elected founding fellow of the Spatial Econometrics Association
- 2006 Doctor of Science, honoris causa, from Indiana U. of Pennsylvania
- 2005 Fulbright Senior Specialist (with invitation to the U. of Alberta, CA)
- 2005 visiting researcher, Max Planck Institute for Demographic Research/Rostock (Germany)
- 2005 (1st) Center for Ecosystems Science and Policy (CESP) fellow, U. of Miami
- 2004 Leverhulme Trust (UK) visiting professorship to the U. of Cambridge
- 2001 John Simon Guggenheim Memorial Foundation fellowship (http://www.gf.org/01fellow.html)
- 2000 elected fellow of the New York Academy of Sciences
- 1999 distinguished geographer of the year, Pennsylvania Geographical Society
- 1998/9 American Statistical Association/USDA-NASS Research Fellow
- 1997 “Second Prize, Best Software 1996” for USA, from Microcomputer Specialty Group, American Association of Geographers
- 1995 (1st) Department of Geography outstanding alumnus, U. of Toronto
- 1994 “First Prize, Best Software 1993” for EXPLORHO, from Microcomputer Specialty Group, American Association of Geographers
- 1992/93 Fulbright Research Scholar to Canada
- 1982 outstanding alumnus of Indiana U. of Pennsylvania

Honors
- 2015 selected conference co-chair (with D. Josselin and S-J Bailly), Spatial Accuracy 2016
- 2015 appointed to the AAG Publications Committee (2015-2018)
- 2014 selected Steering Committee Chair, International Spatial Accuracy Research Association (ISARA)
- 2013 selected conference co-chair (with D. Dean), Geocomputation 2015
- 2013 conference chair, Spatial Statistics 2013
2013-14&16 appointed to the NSF “Geography and Spatial Sciences” Advisory Panel
2011 appointed to the US EPA Federal Insecticide, Fungicide, and Rodenticide Act Scientific Advisory Panel (FIFRA SAP)
2011 appointed to the Steering Committee, International Spatial Accuracy Research Association (ISARA); chair, medal awards panel
2009-14 Editor, Geographical Analysis (2 terms)
2009 appointed to the AAG Task Force to update the “Ethics Statement of the AAG”; Ethics, Place and Environment (2008) distributed to committee by AAG Executive Director, and was added to the revised bibliography for the “Ethics Statement of the AAG”
2009 appointed an Advisory Committee member of the International Collaborative Center for Geo-computation Studies (ICCGS), Wuhan University
2008-present appointed to the Steering Committee, Commission on Modeling Geographical Systems, International Geographical Union (IGU)
2004 elected a visiting fellow, Fitzwilliam College, U. of Cambridge
2002-08 Associate Editor, Geographical Analysis
2000-02/2016 appointed to the NSF "Methods, Measurement & Statistics" Advisory Panel
1996/97 president, North American Regional Science Council
1996 inducted into Sigma Xi (Syracuse Chapter)
1994 elected to the New York Academy of Sciences
1991 special guest of the Institute of British Geographers, by request of the Quantitative Methods Study Group, for the annual meeting.
1972-76 U. of Toronto Open Fellowship
1972 inducted into Kappa Delta Pi Honor Society in Education.
1971/smr Foreign Area Research Grant through Indiana U. of Pennsylvania
1969 inducted into Gamma Theta Upsilon International Honorary Geography Society
1967-70 PHEAA Scholarship
1966-70 Hempfield Council PTA Scholarship

Biographical Listings
2017 Albert Nelson Marquis Lifetime Achievement Award (from Marquis Who’s Who)
2015 listed in 70th edition of Marquis Who’s Who in America (also listed in the 55th-69th editions, 2000-2014)
2015 listed in 42nd edition of Marquis Who’s Who in the South and Southwest (also listed in the 36th-41st editions, 2009-2014)
2010 listed in Who’s Who in Social Sciences Education
1994 listed in 4th edition of American Men and Women of Science
1993/94 listed an "International Man of the Year" in the International Biographical Centre's 16th edition of Men of Achievement
1993,98 listed in 23rd & 27th Dictionary of International Biography

Professional Recognitions
2017-2020 appointed ASA representative to Section T (Information, Computing & Communications) of the AAAS
2016 AAG Scientific Committee Co-Chair for the Featured Theme “Uncertainty and context in geography and GIScience: advances in theory, methods, and practice”
2016 invited Program Committee member of IVAPP/VISIGRAPP 2017
2016 appointed to the editorial board of the Elsevier book series entitled “Spatial econometrics and spatial statistics”
2015 awarded an SFDA (special faculty development assignment), UTD
2014 invited Program Committee member of Spatial Statistics 2015
2014 invited Program Committee member of GiScience 2014
2014 & 2017 invited nominator for the Vautrin Lud Prize
2014 invited nominator for the Kyoto Prize
2014 invited lecturer, 27th ERSA Summer School, July 2-9, Adam Mickiewicz University, Poznan, Poland
2013 invited session co-organizer, American Association for the Advancement of Science annual meeting, Boston, MA
2013 invited session co-organizer, Joint Statistical Meetings, American Statistical Association annual meeting, Montreal, CA
2013 appointed to the Annals AAG editorial board (2014-17)
2013 appointed to the Scientific Committee, Joint International Conference on Geospatial Theory, Processing, Modeling and Applications (ISPRS-IGU)
2012 Environmental Geochemistry and Health, 30: 495-509 garnered the #1 spot on the BioMedLib ranking in my domain (4/12/12)
2012-present appointed reviewer panel member, Mathematical Reviews, American Mathematical Society
2011-present editorial board, Geo-spatial Information Science (GSIS)
2011-present editorial board, Spatial Demography
2011 Korea Research Institute for Human Settlements (KRIHS) elnterview (library.krihs.re.kr/upload/publication/publication1/0000056284.pdf)
2010 invited Program Committee member of the Spatial Econometrics Association 2010 meetings
2010 International Regional Science Review, 34: 253-280 was in the “Top Ten” on the SSRN’s Analytical Models, Forecasting & Simulation, and Outlooks & Forecasting downloads
2010 AAG Nominations Committee nominee for AAG National Councilor (not elected)
2009 Certified Geographic Information Systems (GIS) Professional (GISP)
2008-2013 annual SAMSG plenary session co-organizer, Assoc. of American Geographers annual meetings (Boston; Las Vegas; Washington, DC; Seattle; New York City; Los Angeles; Tampa)
2008 invited Scientific Committee member of the StatGIS’09 Conference
2008 RSPI Panel session to commemorate the 20th anniversary of the publication of my landmark book Advanced Spatial Statistics
2008 invited Program Committee member of the 3rd ICA Workshop on Geospatial Analysis and Modeling
2008 J. of Regional Science, 48: 969-989 garnered the #1 spot on the SSRN’s Analytical Models, and in the “Top Ten” on the SSRN’s Cross-Sectional Models, Spatial Models, Treatment Effects Models downloads
2007-11 editorial board, J. of Stochastic Environmental Research & Risk Assessment
2007-10 editorial board (Associate Editor), Letters in Spatial and Resource Sciences
2004-present editorial board, Journal of Geographical Systems
2000-present Article Review Board member, URISA J.
2006 invited panelist, American Association of Geographers special session entitled “Status and trends in spatial statistics in geography,” in honor of Honorary Geographer J. Keith Ord
2006 review panelist, Small Business Innovation Research, National Science Foundation
2005 (with M. Fischer) Regional Science Association dissertation competition judging
2005 review panelist, special joint Divisions of Mathematical and Behavioral & Cognitive Sciences competition, National Science Foundation
2001-03 AAG Article Award Committee member
2001 invited workshop evaluator, ESRI's "geostatistical analyst"
2001 invited nominator, John D. & Catherine T. MacArthur Foundation Fellows Program
2000-02 Scientific Advisory Board member, 5th International Symposium on Spatial Accuracy Assessment in a Natural Resources and Environmental Sciences
2000 review panelist, "NSF/EPA Environmental Statistics," National Science Foundation
1998 review panelist, GEOID Networks of Centers of Excellence proposal, NSERC (Canada)
1998 invited workshop participant, "Status and trends in spatial analysis (the Varenius project)" of the National Science Foundation National Center for Geographic Information and Analysis, Santa Barbara, California.
1997 invited lecturer, "Spatial Genomics Workshop" convened by the NSF National Center for Geographic Information and Analysis, Castine, Maine.
1996-97 Scientific Advisory Board member, 3rd International Symposium on Spatial Accuracy Assessment in Natural Resources and Environmental Sciences
1991 human geography citation centurion [Transactions, Institute of British Geographers, 1116: 26-27]
1991 invited lecturer, "Initiative #7 experts meeting" of the National Science Foundation National Center for Geographic Information and Analysis, Castine, Maine.
July 1989 National Science Foundation project selected for inclusion in an NSF funded 2-weeks National Center for Supercomputing Applications Education Workshop, U. of Illinois/Champaign-Urbana.
1988 invited lecturer, "Initiative #1 experts meeting" of the National Science Foundation National Center for Geographic Information and Analysis, UCSB.
1985,87 recipient, Experienced Faculty Travel Award, New York State/UUP
1985-87 editorial board member, Annals, American Association of Geographers.
1982-90 editorial board member, Geographical Analysis (3 terms).
1983-86 member, NATO Scientific Affairs Division Advisory Board.

Societal Research Recognitions
Flight #93 memorial design assessment quoted in The Tribune-Review, Thursday, July 20, 2006; Flight 93 memorial design critique for the National Parks Service, 2007 (with citations in the Pittsburgh Post-Gazette, and Johnstown Tribune-Democrat)
quoting in The Post Standard about counting crowds (Friday, November 23, 2001, pp. C1, C3)
Syracuse pediatric lead poisoning project included in Congressional briefing on GIS, January, 1997
Syracuse pediatric lead poisoning project maps included in the 1997-1998 Consolidated Plan for the City of Syracuse submitted to HUD, June
Syracuse pediatric lead poisoning project poster invited for displayed during the "Reuniting the Family Conference," Nottingham High School, November
Syracuse, NY, pediatric blood lead study featured in the Syracuse Record, the SU Alumni News, and the Syracuse Herald-J. (August 30, 1996), Syracuse University Magazine (Vol. 13, #1, Fall 1996, pp. 38-39)

COURSES TAUGHT AND OTHER TEACHING ACTIVITIES
Courses taught at U. of Texas @ Dallas
GISC 7387 Research Design in GIS
GISC 7361/ECON 7311 Spatial Statistics/Spatial Econometrics
GEOG 4380/GISC 6380 Spatial Organization and Concepts
ECON 6311/GISC 6311 Statistics for Economists/Mathematical Statistics for Geospatial Science
GISC 6389 Geographic Information Sciences Master Project
ECON 4396/GISC 6379 Urban Economics

Courses taught at U. of Miami
Problems in Geography, Advanced Research Design in Geography, Advanced Spatial Statistics, Master's Thesis

Courses taught at Syracuse U.
Economic Geography of North America, Introduction to Quantitative Methods in Geography, Senior Seminar in Geography (required of all majors), (with F. Csillag) Errors in spatial databases (at request of Cornell U. graduate students), (with R. Francis) Industrial Restructuring in North America, Industrial Location Theory, Multivariate Techniques in Geography, Readings in Multivariate Statistical Applications in Geography, Environmental Monitoring, Research Design in Geography, Spatial Statistics, Independent Study and Reading courses
Freshman Forum (CAS), Quantitative Methods for the Social Sciences (MAX)
Introduction to Statistics, Computing with SAS, Statistical Consulting, Independent Study (STT)
ARC/INFO Independent Study students' Departmental colloquium entitled "A GIS and spatial analysis of blood lead levels in Syracuse" (outcome of GEO 490 Independent Study); map display from study hangs in the SU College of Arts & Sciences Visitors Center
mentored (in conjunction with the SU Future Professoriate Program) Feng (Spring 95) in GEO 383, Anderson (Fall 95) in GEO 311, Layne (Spring 96, 97) in GEO 383

Courses taught at SUNY/Buffalo
Introduction to Human Geography, Introductory Quantitative Methods, Multivariate Analysis for Geographers, Urban Geography, Industrial Geography

Graduate Student Supervision
1. M. A./Ph. D. Committee member:
   - Barry Glick (Ph. D.)
   - Peter Rogerson (Ph. D.)
   - Gustav Lundberg (Ph. D.)
   - Michael O'Neill (Ph. D.)
   - David Wong (Ph. D.)
   - Nestor Vega (M. A.)
   - Robine Lewis (Ph. D.)
   - Irena Vasiliev (Ph. D.)
   - Karen Dhanda (Ph. D.)
   - Rick Annenberg (M. A.)
   - Michael Schramm (M. A.)
   - Elvin Delgado (Ph. D.)

   Health
   - Monqiue Hernandez (Ph. D.)
   - Ted Beckstead (Ph.D.)
   - Ulemu Luhanga (Ph.D.)
   - Chien-Chou Chen (Ph.D.)
   - Yuhong Zhou (Ph. D.)

   Chi Sham (Ph. D.)
   - Carl Amrhein (Ph. D.)
   - Jose Armando Guevara (Ph. D.)
   - Robert Andrele (Ph. D.)
   - Susanna McKnight (Ph. D.)
   - Chi-Jien Lin (Ph. D.)
   - Bin Li (Ph. D.)
   - Unryu Suganamu (Ph. D.)
   - Alberto Giordano (Ph. D.)
   - Thomas Whitfield (M. A.)
   - Brenden McNeil (Ph. D.)
   - Benjamin Jacob, Ph.D., Epidemiology and Public Health

   Health
   - Adriana Troyo, Ph.D., Epidemiology and Public Health
   - Melissa Rura (Ph.D.)
   - Shaofei Chen (Ph. D.)
   - Ferrana Havewala (Pd. D.)

   Health
   - Christopher Franklin (Ph. D.)

2. M.A./M.S./Ph. D. supervised:
   - Joseph Schirippa (M. A.)
   - Peter Fellows (M. A.)
   - Claire Saint-Rossy (M. A.)
   - Matthew Vincent (M. A.)

   Richard Nicholson (M. A.)
   - Jonathan Hancock (M. A.)
   - Marco Millones (M. A.)
   - Cheryl Bradley (M. S.)
Yangyi Wu (M.S.)       Timothy Brown (M.S.)
Shidi Wang (M.S.)       Michael Feng (Ph.D.)
Akio Sone (Ph.D.)       Zhiqiang Zhang (Ph.D.)
Janis Schubert (Ph.D.)
Michelle Markham (Ph.D.) Amy Speer (Ph.D.)
E Scott Morris (Ph.D.)   Parmanand Sinha (Ph.D.)
Monghyeon Lee (Ph.D., co with Y. Chun) Shidi Wang (Ph.D./Economics, co with Kurt Beron)
Qing Luo (Ph.D., co with Huayi Wu; Wuhan U. MOU)

1994 Ph.D.: Akio Sone, Institute of Socio-Economic Planning, U. of Tsukuba (Japan)
1995 Ph.D.: M. Feng, Director (Oil and Gas Card Modeling), The Associates, Irving, TX
1998 Ph.D.: Zhiqiang Zhang, Arabesque Communications, Redwood Shores, CA 94065
2009 Ph.D.: Janis Schubert, postdoctoral appointment, Sandia Laboratories, Albuquerque, NM
2015 Ph.D.: E Scott Morris, Research Data Scientist, Monsanto, St. Louis, MO
2016 Ph.D.: A. Hughes, post-doctoral fellow, UT Southwestern Medical Center, Dallas, TX
2016 Ph.D.: S. Wang, DataOne Global consulting firm, Dallas, TX

3. M.S. in Applied Statistics
   Jonathan Hancock     Zhiqiang Zhang

4. Ph. D. outsider reader/external examiner for:
   Mark Renee (School of Management, SUNY/Buffalo)
   Raymond Florax (U. of Twente, Enschede, The Netherlands)
   Sophonie Nshinyabakobeje (Forest Resources Management, SUNY/CES&F)
   Mariano Duran (Forest Resources Management, SUNY/CES&F)
   Harold D. Reynolds (Department of Geography, U. of Toronto)
   Chijien Lin (Faculty of Social Sciences, U. of Joensuu, Finland)
   Minfeng Deng (Dept. of Econometrics and Business Statistics, Monash U., Australia)
   Roberto Patuelli (Dept. of Spatial Economics, Free University, Amsterdam, The Netherlands)
   Monique Hernandez (Interdisciplinary Studies, U. of Miami)
   Marco Millones (School of Geography, Clark U.)

Student Supervisee Recognitions
• P. Doyle received a 1996 SU Chancellor’s Award for Public Service for his work on our Syracuse, NY, pediatric blood lead study; he also received an NSF-REU supplement in support of this research
• P. Fellows received an SU Outstanding TA Award, an AAG (MM&QMSG) student paper award, and a 1999 Syracuse Chapter of Sigma Xi award for graduate student research excellence and achievement

RESEARCH GRANT ACTIVITIES

Principal Research Grant Support ($7.4M+)
2017/20 (with K. Beron and Wenhua Di; co-PI) “Research Data Centers: Dallas-Forth Forth,” National Science Foundation [SES-1664544; $300,000].
2014/17 (with Y. Chun; in collaboration with George Mason U.) “Uncertainty in spatial data: identification, visualization, and utilization,” National Institutes of Health [1R01HD076020-01A1; $856,948]
2013/15 “Determining qualitative geographic sample size in the presence of spatial autocorrelation.” National Science Foundation [BCS-1262717; $145,000]
2008/12 (co-PI with J. Murdoch, C. Eckel, and M. Caughy) “AOC: publicly driven investment, neighborhood change and household behavior,” National Science Foundation (Human and Social Dynamics competition) [SES-0827350; $1,000,178]


2006/09 (investigator; with I. Vojnovic /Michigan State U., PI) “Exploring the social dynamics of accessibility, travel behavior, and physical activity by income/race, age, and gender: An inner-city/suburb comparison in the Detroit region,” National Science Foundation (Human and Social Dynamics competition) [SES 0624263; $643,964].

2004/08 (with M. Tiefelsdorf) “Collaborative proposal: approximating eigensystems of matrices used in spatial analysis,” Division of Mathematical Sciences and Methodology, Measurement & Statistics Programs, National Science Foundation [DMS-0611883; $139,351 + 20,427 = $159,778]

2004 (with R. Haining) Leverhulme Trust [$40,100]

2002/08 "Geography-Based Exposure Assessment for Urban Metals," Geography & Regional Science/Methodology, Measurement & Statistics Programs, National Science Foundation [BCS-0221949/0400559/0552588; $420,000 + $7,500 SU/UM/UTD grant + $11,725 NSF-REU].

2001/02 "Scientific visualization of spatial autocorrelation," John Simon Guggenheim Memorial Foundation [$35,000]


1999/03 "An ordinary least squares (OLS) solution to handling spatial autocorrelation latent in georeferenced data," Geography & Regional Science/Measurement, Methods & Statistics Programs, National Science Foundation [BCS-9905213; $203,876 + $10,000 SU grant] (with G. Jacquez) supplement to "Biostatistical methods in environmental Epidemiology," the National Cancer Institute [$49,790]

1999 ASA/USDA-NASS Research Fellowship [$69,290]

1996/7 (GIS consultant for W. Coplin and A. Merget) "Community Benchmarks: a program to develop indicators of community conditions," Alfred P. Sloan Foundation [grant of $579,000].

1995/97 "Uncovering relationships between geo-statistical and spatial autoregressive modelling," Geography & Regional Science/Methodology, Measurement & Statistics Programs, National Science Foundation [SBR-9507855; $133,847 + $5000 REU supplement].


1993 U.S./Canada Fulbright fellowship [$25,000]

1992/94 Collaborative project between SU and IBM [$39,443 in equipment]

1992/94 Cornell Theory Center [advanced computing resources]

1992/93 National Science Foundation (Geography & Regional Science and Statistics & Probability Programs) [$71,951 + $10,000 SU match]

1991/93, 94/96 NATO Scientific Affairs Collaborative Research Grant Program (with R. Haining, U. of Sheffield, and G. Arbia, U. of Rome); Phases I and II [$14,300]

1989/91 NYS Science & Technology Foundation (consortium comprised of Syracuse U., SUNY College of Environmental Science & Forestry, and Cornell U.) [$200,000]; follow up (with M. Monmonier, A. Can, F. Csillag, and J. Mercer) [$30,000]

1989/90 National Center for Supercomputing Applications (U. of Illinois) [advanced computing resources]

1988/90 National Science Foundation (Geography & Regional Science) [$40,000]
1987 Canadian Studies Program, Canadian Embassy (Academic Relations Office) [$4,300]
1985 National Science Foundation (Geography & Regional Science) [$10,000]
1985 Director, NATO Advanced Studies Institute (grant with R. Haining, U. of Sheffield) [$35,000]
1983/84 National Science Foundation (Geography & Regional Science) [$34,700]
1979/80, 81/82 Director, NATO Advanced Studies Institutes (grant with, respectively, R. MacKinnon and A. Lea) [$35,000; $35,000]
Summer, 1979 American Association of Geographers Research Grant [$400]

Minor Research Grant Support ($21K+)
1998 & 2000, SU Geography Department/Maxwell Dean's Office [$2500; $2000]; 1994, SU/Center for Instructional Development [$3000]; 1987, SUNY/Buffalo Office of Teaching Effectiveness [$1000]; 1985 & 1987, Tenured Faculty Mini-grant (NY State/United University Professions) [$750; $1000]; 1985, VP-Research, SUNY/Buffalo [$600]; 1982, Social Science Research Development Funds Grant, SUNY/Buffalo [$1063]; 1982, Baldy Center for Law and Social Policy Faculty Fellowship, SUNY/Buffalo [$2500]; 1981, SUNY Research Foundation Grant [$3450]; 1981, National Science Foundation travel grant for ISOLDE 81 (Skodsborg, Denmark) [$894 + room and board]; 1980, Baldy Center for Law and Social Policy Grant, SUNY/Buffalo [$95]; 1978, OUPID Instructional Development Grant (with H. Jacobs) [$600]; 1976, U. of Toronto/York U. Joint Program in Transportation Grant [$2000]

PUBLICATIONS, PRESENTATIONS, AND INVITED LECTURES
[2016: Web of Science H-index = 26; Scopus H-index = 26; Google Scholar H-index = 48 (32 since 2010)]

Books (10)
2003 Spatial Autocorrelation and Spatial Filtering: Gaining Understanding through Theory and Scientific Visualization, Berlin: Springer-Verlag.

Edited Books (8)
2017 (with Y. Chun and D. Dean) Advances in Geocomputation: Geocomputation 2015—The 13th International Conference. Berlin: Springer, DOI 10.1007/978-3-319-22786-3

**Monographs (2)**

**Journal Guest Editorships (5)**
2007 (with G. Christakos) *J. of Stochastic Environmental Research & Risk Assessment*; special issue about medical geography as a science of interdisciplinary knowledge synthesis under conditions of uncertainty
2006 *Geographical Analysis*: special issue about Poisson modeling of georeferenced counts data
1992 (with C. Weiss and C. Duguay) *The Operational Geographer*, 10 (2): 2-3; special issue about spatial data analysis

**Publications in Major Refereed Journals** (66 single authored; 95 joint authored; * denotes publication with student)


2012 Space, time, and space-time eigenvector filter specifications that account for autocorrelation, *Estadística Española*, 54 (#177), 7-34.


2010 (with B. Jacob, J. Mwangangi, C. Mbogo, and R. Novak; 2nd). Uniform convergence of ergodic Markov chains using Gaussian quadratures in SAS PROC NLNRMIXE for calculating marginal likelihoods in space


1984 Re-examining the question "Are locations unique?", *Progress in Human Geography*, 8: 82-94.


Invited encyclopedia entries (12 single authored; 5 joint authored)


Conference Proceedings (11 single authored; 24 joint authored)


2010 (with R. Haining; 1st) Analyzing small geographic area datasets containing values having high levels of uncertainty, in N. Tate and P. Fisher (eds.), Accuracy 2010, Proceedings of the 9th International Symposium on Spatial Accuracy Assessment in Natural Resources and Environmental Sciences (University of Leicester, 20-23 July), Leicester, UK: MPG Books Group, pp. 289-292.


Secondary and Non-refereed Publications (43 single authored; 20 joint authored)


2010 (with S. Arlinghaus; 2nd) Mapping it out! A contemporary view of Burgess’s concentric ring model of urban growth, Solstice, XXI (2), www.mylovedone.com/image/solstice/win10/ArlinghausandGriffith.html
2010 Editorial: Celebrating 40 years of scientific impacts by Alan Wilson, Geographical Analysis, 42: 361-363.
2010 (with R. Patuelli, N. Schanne, and P. Nijkamp; 3rd) “Persistent disparities in regional unemployment: application of a spatial filtering approach to local labour markets in Germany,” also Research Memorandum 2010-1 (also Quaderni DSE Working Paper No. 743, Università de Bologna). Amsterdam: Faculty of Economics and Business Administration, Vrije Universiteit.
2009 Editorial: Celebrating 40 years of scientific impacts by Cliff and Ord, Geographical Analysis, 41: 343-345.
2006 Beyond the bell-shaped curve: Poisson models in spatial data analysis, Geographical Analysis, 38: iii-iv.
2001 (with A. Lea) “Opposites don’t attract in spatial autocorrelation,” GEOWorld, 14, #11 (November), 42-44 (www.geoplace.com/gw/).
1997 "Final Report: Spatial Sampling for the 'Community Benchmark Project'" for project funded by the Alfred P. Sloan Foundation, W. Coplin and A. Merget PIs, Public Administration.
1995 (with S. Borker, S. Stehman, and S. Halperin) "STT 101: Introduction to Statistics, a final report on development of the course," Final Report submitted to the Dean of Arts & Sciences; Final Report on "Design of a numerically based introduction to statistics (STT 101)," Syracuse University Faculty Instructional Grants Program, to Center for Instructional Development.


1992 "Estimating missing values in spatial urban census data," The Operational Geographer, 10 (2): 23-26 [also translated into French].

1992 *(with A. Sone) "Trade-offs associated with computational simplifications for estimating spatial statistical models," Working Paper, l’Institut de Mathematiques Economiques, Universite de Bourgogne, Dijon, France (with French "Resumé").


1991 (with C. Amrhein) "A statistical model for analyzing error in geographic data in an information system," Discussion Paper No. 38, Department of Geography, University of Toronto.


1990 (with R. Jensen, M. Monmonier, S. DeGloria, L. Herrington) Final Report, New York State Program in Geographic Information and Analysis Planning Grant, Syracuse University, 191 pp.


1990 "A Reply to R. Martin, Some comments on correction techniques for boundary effects and missing value techniques," Geographical Analysis, 20: 70-75.


1978 The impact of configuration and spatial autocorrelation on the investigation and interpretation of geographical models, unpublished doctoral dissertation, Department of Geography, University of Toronto.


1974 "A maximum likelihood technique for estimating the parameters of a spatial probability function," Discussion Paper No. 16, Department of Geography, University of Toronto.


Computer Software Design (5)

• Simulating central place structures; review in The Professional Geographer, 42 (1990), 246-247 & Mathematical Review; described in the AAG Microcomputer Specialty Group newsletter, October, 1990.


• EXPLORHO. Version 2.0.

Book and Computer Software Reviews (28)

• Technometrics

• Geographical Analysis
  1986 Spatial Data Analysis by Example, 18: 372-373.

• Annals, American Association of Geographers
  2010 Seven Rules for Social Research, 100: 1214-1216.

• J. of Regional Science

• Environment and Planning
  1997 Interactive Spatial Data Analysis, 29A: 747-752 (review essay)

• International J. of Geographical Information Sciences

• Economic Geography

• The Professional Geographer
  1987 Statistical Methods for Geographers, 39: 244-245.

• Geographical Review
  1989 Metropolis, 79: 479-481.

• Progress in Human Geography

• Annals of Regional Science

• J. of Geography

• The Operational Geographer
• discovered and documented 2 software bugs in initial MINITAB 11.0 release, 1997
• discovered and documented 1 software bug in initial SAS 6.12 release, 1997

**Invited Lectures and Presentations**

**FEATURED/KEYNOTE PRESENTATIONS (52)**

2017 Deeper spatial statistical insights into small geographic area data uncertainty, GEOMED 2017: X International, Interdisciplinary Conference, Instituto de Investigação e Inovação de Universidade do Porto, Portugal

2017 Some robustness assessments of Moran eigenvector spatial filtering, SAMS-GA plenary lecture, American Association of Geographers annual meeting, Boston

2016 The relative importance of spatial and temporal autocorrelation, Spatial Econometric Association, Università Cattolica del Sacro Cuore, Rome

2015 Evaluating eigenvector spatial filter corrections for omitted georeferenced variables, Jean Paelinck Spatial Econometric Seminar, Université de Bourgogne

2015 Comments on regional specialization, Summer International Workshop on regional and spatial specialization, European Regional Science Association, Sekcja Pols

2014 Spatial autocorrelation in spatial interaction models: geographic scale and resolution implications for journey-to-work flows, network resilience, and vulnerability, 2\textsuperscript{nd} International IAB/RCEA/ZEW Workshop, IAB, Nuremberg, Germany


2013 Implementing Gaussian spatial autoregressive models for massive georeferenced datasets: some spatial data mining outcomes IEEE SDSTDM-13, Dallas, TX

2013 Spatial autocorrelation is everywhere, 18\textsuperscript{th} European Colloquium of Theoretical & Quantitative Geography, Dourdan, France

2013 (with J. Wood and T. Brown) Spatial autocorrelation and qualitative sampling: conceptualization, an application, and extensions, inaugural Irving J. Hock Interdisciplinary Speaker Series, U. of Texas at Dallas

2012 Selected challenges from spatial statistics for spatial econometrics, Spatial Econometrics and Regional Economic Analysis Conference, U. of Lodz, Poland

2012 Ten maps that changed the world, Poznań City Hall-Adam Mickiewicz University Lecture Series

2011 Qualitative geographic sample size in the presence of spatial autocorrelation, 7\textsuperscript{th} Arthur Getis Spatial Analysis Lecture, San Diego State University

2011 (with M. Fischer) Eigenvector spatial filtering: addressing spatial autocorrelation in spatial interaction data, Advances in the statistical modeling of spatial interaction data workshop, U. of Lugano (Swiss NSF funded)

2011 Space, time, and space-time eigenvector filter specifications that account for autocorrelation, Symposium on Geo-computation and Analysis, LIEMSARS, Wuhan University; International Autumn School in Spatial Econometrics, University of Castilla-La Mancha at Toledo, Toledo (Spain)

2010/11 Positive spatial autocorrelation impacts on attribute variable frequency distributions, 3\textsuperscript{rd} Spatial Statistics and Image Modeling Symposium, Foz de Iguaçu, Brazil (2010); Korean Society for Geospatial Information System, Busan, Korea (2011); Korean Cartographic Association, Seoul, Korea (2011)

2010 (with S. Arlinghaus) Urban compression patterns: fractals and non-Euclidean geometries —inventory and prospect, 1\textsuperscript{st} International Conference on Cities and Their Growth: Sustainability and Fractality, Adam Mickiewicz U., Poznań, Poland

2010 (with G. Heuvelink) Deriving space-time variograms from space-time autoregressive (STAR) model specifications, IGU, Hong Kong

2009 Spatial filtering: past, present, and future, International Symposium on Geo-computation and Analysis (ISGA), LIEMSARS, Wuhan University

2009 Remarks on observational dependence and the utilization of spatial filters in labour-market research, Labour Market Strategies and Policies in the Age of Globalization, IAB, Nuremberg, Germany
2007 A numerical study of planar and near-planar adjacency matrices used in geographical analysis, MATTRIAD 2007, Institute of Mathematics of the Polish Academy of Sciences.

2007 Spatially structured random effects & Spatial filtering and space-time data, Symposium on Quantitative Ecology, Research Center for Biodiversity of Academia Sinica, Taiwan.


2006 To IUP and beyond, 2006 Department of Geography & Regional Planning, Indiana U. of Pennsylvania, convocation address.

2003 Prioritizing remediation within a hazardous waste site, Students for Spatial Statistics Workshop, GEOIDE/Wilfrid Laurier U.


2001 Syracuse Chapter of Sigma Xi

1999 Pennsylvania Geographical Society, annual meeting, Indiana, PA

1998 Third International Symposium on Spatial Accuracy Assessment in Natural Resources and Environmental Sciences, Quebec City, Canada

1997 Presidential address, 44th annual North American meetings of the Regional Science Association International, Buffalo, NY

1995 Annual Awards Presentation and Graduation Reception for the Department of Geography & Program in Planning, U. of Toronto

1995 Tinbergen Institute, Rotterdam, New Models Explaining the Development of Regions: The Case of Europe

1994 GIS and Spatial Modelling workshop and seminar, Department of Geography, U. of Bristol (co-funded by the UK ESRC and the NCGIA)

1993 Institut National de la Recherche Scientifique-URBANISATION, Séminaire-atelier sur les méthodes quantitatives d'analyse spatiale appliquées aux sciences sociales, , Canada

1993 National Center for Geographic Information and Analysis, Exploratory Spatial Data Analysis workshop, U. of California/Santa Barbara (U.S. NSF funded)

1992 Department of Regional Economics, Free U. of Amsterdam, Exploratory spatial data analysis (European Urban and Regional Spatial Analysis Network funded workshop)

1992 Department of Geography, U. of Sheffield, Remote sensing and GIS research cluster (NATO Scientific Affairs funded workshop)

1992 Groupe de Contact F.N.R.S. en Geographie Theoretique et Quantitative, Universite Catholique de Louvain, Louvain-la-Neuve

1992 l'Institut de Mathematiques Economiques, 26th Annual Colloquium, Universite de Bourgogne, Dijon, France

1992 Capital District ArcInfo User's Group, New York State Museum, Albany

1991 Max Planck Institute for Solid State Research, Stuttgart, Interdisciplinary Colloquium on Forecasting for Systems with Chaotic Evolution (Marshall Fund funded symposium)

1991 National Center for Geographic Information and Analysis, U. of Maine (Maine Maritime Academy), Castine (U.S. NSF funded)

1991 Ecosystem Research Center, Cornell U., Advanced methods for mapping and visualizing environmental data (USEPA funded seminar series)

1990 plenary session, 6th Annual NYS GIS Conference, Syracuse

1989 National Center for Geographic Information and Analysis, U. of California/Santa Barbara (U.S. NSF funded)

1985 NATO Advanced Studies Institute, Hanstholm, Denmark

1982 NATO Advanced Studies Institute, <i Cappuccini</i>, Italy (2)

1980 NATO Advanced Studies Institute, Chateau de Bonas, France

INVITED ACADEMIC LECTURES: GEOGRAPHY DEPARTMENTS (92)

Boston U., 1977
U. of Bristol: 2004

U. of Minnesota, 1977, 1994 (2)
U. of Montreal, 1987
Nanjing Normal University, 2008, 2014
U. of New Mexico, 2005
U. of Cambridge, 1982, 2004
Catholic U. of Louvain-la-Neuve, Belgium, 1986
Central Michigan U., 2012
Chinese Academy of Sciences/Beijing, 2013
Chinese U. of Hong Kong (ISEIS), 2010
U. of Connecticut, 1986
U. of Florida, 1983
U. of Geneva, 1992
U. of Hawaii, 1990 (2), 2013
Hong Kong Polytechnical U. (ARCSI), 2010
Indiana U., 1992
Indiana U. of Pennsylvania, 1985, 2005 (3)
International Institute for Aerospace Survey &
Earth Sciences (Cartography), Enschede,
The Netherlands, 1992
Kent State U., 1977
U. of Kentucky, 1986
U. of Lancaster (& Mathematics Dept.
& Regional Research Lab.), 1991
Louis Pasteur U. (Strasbourg, FR), 1992 (2)
McMaster U., 1980, 1993
U. of Maryland, 1999 (2)
Memorial U. of Newfoundland, 1976
The U. of North Carolina, 2001
The Ohio State U., 2001
U. of Paris I, France, 1986
Pennsylvania State U., 1985
U. of Pittsburgh, 1980
Pontificia Univerisdad Catolica del Peru, 2001
Queen's U. (Canada), 1993
Ryerson Polytechnical U., 1993 (3)
San Diego State U., 1999 (2)
U. of Sheffield, 1982
St. Andrews U., 2004
SUNY/Albany, 1986
SUNY/Buffalo, 178, 1994
Syracuse U., 1979, 1987
Texas A&M U., 2000 (3)
U. of Utrecht (Physical Geography),
The Netherlands, 1992
2010
Virginia Polytechnical Institute & State U.,
1976, 1977
Wilfred Laurier U., 1982 (2), 1993
U. of Washington, 2002
U. of Windsor, 1976

INVITED ACADEMIC LECTURES: OTHER ORGANIZATIONS (102)
• Banff International Research Station for Mathematical Innovation and Discovery, 2016
• Dept. of Mathematics, Universidad Técnica Federico Santa María (Chile), 2015
• Dept. of Mathematics, U. of New Mexico, 2005
• Dept. of Mathematics, Indiana U. of Pennsylvania, 2005
• Dept. of Mathematics, U. of Alberta, 2005
• Dept. of Mathematics, U. of Miami, 2004
• Dept. of Mathematical Sciences. UTD, 2014
• Dept. of Mathematical Sciences. U. of Delaware, 2014
• Center for Geospatial Analysis, College of William and Mary, 2014
• (with J. Hancock) SUNY/CES&F, "Children's Environmental Health Issues" workshop, 1998
• China Data Center & School of Natural Resources, U. of Michigan, 1999
• Office of Research, UTD, 2014
• CiMAT meeting, UTD, 2015
• Dept. of Resource Economics & Environmental Sociology, University of Alberta, 2015
• School of Natural Resources, U. of Michigan, 2000
• Institute for Social Research, U. of Michigan, 2000
• Institute Para Limes (The Netherlands), 2008
• Dept. of Epidemiology, School of Public Health, U. of Michigan, 2000 (2)—National Cancer Institute funded
• Dept. of Theoretical Spatial Economics, Erasmus U., Netherlands, 1986 (3), 1992 (3)
• Dept. of Statistics, SUNY/Buffalo, 1986
• Dept. of Statistics, U. of Paris V, 1986 (2)
• Dept. of Surveying and Geo-informatics, Tongji U., 2011, 2012
• Institute of Public Policy, George Mason U., 1999
• Colloquium in Earth Systems & Geoinformation Sciences, George Mason U., 2006
• Institute of Theoretical Physics, U. of Stuttgart, Germany, 1986
• Institute of Applied Mathematics, U. of Elangen-Nuernberg, Germany, 1986
• Institute of Geography, U. of Groningen, Netherlands, 1986
• Dept. of Spatial Economics, Free U., Amsterdam, Netherlands, 1986
• Istituto Ricerche Economico-Sociali del Piemonte, Italy, 1987
• Dept. of Forestry, SUNY/CES&F, 1988
• Syracuse Chapter of the American Statistical Association, Syracuse U., 1989, (& Mathematics Dept.) 1999
• Royal Statistical Society/Highlands Group, St. Andrews U., 2004
• (with C. Amrhein) the Applied Geography Conference, Binghamton, New York, 1989
• U. of Illinois/Chicago (in the "Regional Science Seminar Series"), 1990
• National Center for Supercomputing Applications Users Group, U. of Illinois/Chicago, 1990
• Institute of British Geographers, U. of Sheffield, 1991
• British ESRC Workshop on "Spatial Analysis for GIS," U. of Sheffield, 1991 (2)
• National Institute of Environmental Health Sciences Workshop on "Exposure assessment using high spatial resolution, hyperspectral imagery," U. of Michigan, 2000
• (with D. Armstrong) Italian National Research Council Workshop on "Spatial Statistical Methods in Archaeological and Cultural Heritage Safeguard Research," Pescara, Italy, 2000 (2)
• Interdisciplinary Consortium for Statistical Applications, Indiana U., 1992
• Dept. of General Economics, Wageningen Agricultural U., 1992
• Dept. of Economics, Universitat Pompeu Fabra, Barcelona, 1992
• Faculty of Business Economics, Katholische Universiteit Nijmegen, The Netherlands, 1992
• Urban Planning Group, Technische Universiteit Eindhoven, The Netherlands, 1992
• Dept. of Biology, U. of Montreal, 1993
• Institute for Land Information Management, U. of Toronto, 1993
• Dept. of Biometrics, Cornell U., 1993, 1997
• NCGIA/ESRC funded symposium workshop, Bristol U., 1994
• Dept. of Political and Social Science, U. of Rome II, 2001
• School of Social Science, U. of Texas/Dallas, 2001, 2006 (Social Sciences Workshop)
• The Carolina Population Center, U. of North Carolina, 2001
• Dept. of Quantitative Methods and Regional Economics, Universita' Degli Studi G. d'Annunzio, Pescara, Italy, 1995, 2000
• Dept. of Statistics, Universita' Degli Studi G. d'Annunzio, Pescara, Italy, 2004
• Sigma Xi Scientific Research Society, Local Chapter Research Presentation, 1997
• RSAI/Port Elizabeth Technikon Symposium in South Africa, 2000
• CASA/U. College London, 2004
• Max Planck Institute for Demographic Research/Rostock, Germany, 2004, 2005
• Dept. of Epidemiology and Public Health, U. of Miami, 2003
• Statistics Group, U. of Miami, 2003
• CESP, U. of Miami, 2003
• Geospatial Technologies and Public Health, Texas A&M University, 2007 (2)
• (with Tiefelsdorf and Chun) Department of Civil, Architectural and Environmental Engineering, U. of Texas/Austin, 2008
• National Cancer Institute Conference on Geospatial Approaches to Cancer Control and Population Sciences, Bethesda, MD, 2016
### INVITED NON-ACADEMIC LECTURES (23)

<table>
<thead>
<tr>
<th>Year</th>
<th>Event and Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>2005</td>
<td>Max Planck Institute for Demographic Research/Rostock, Germany; U. of Alberta</td>
</tr>
<tr>
<td>2007</td>
<td>Research Center for Biodiversity of Academia Sinica, Taiwan, Fushan Botanical Garden Research Center</td>
</tr>
<tr>
<td>2008</td>
<td>(with Tiefelsdorf) Spatial Filtering with the Eigenvector Approach, UTD (NSF funded)</td>
</tr>
<tr>
<td>2011</td>
<td>(with Chun) Seoul National University, Korea; Korean Research Institute for Human Settlements, Seoul</td>
</tr>
<tr>
<td>2012</td>
<td>(with Chun) Spatial Accuracy Assessment in Natural Resource and Environmental Sciences</td>
</tr>
<tr>
<td>2012</td>
<td>&amp; 2013 (with Chun) NA Regional Science annual meeting, Ottawa, CA; Atlanta</td>
</tr>
<tr>
<td>2013</td>
<td>(with Chun) Spatial Statistics, Columbus</td>
</tr>
<tr>
<td>1994</td>
<td>Dept. of Geography, SUNY/Buffalo</td>
</tr>
<tr>
<td>1993</td>
<td>Assn. of American Geographers, 89th annual meeting, Atlanta; Dept. of Geography, UC/Santa Barbara</td>
</tr>
<tr>
<td>1992</td>
<td>Dept. of Economics, Universitat Pompeu Fabra, Barcelona, Spain; CNRS Pour l'Advancement des Recherches sur l'Interaction Spatiale, U. of Paris I (Sorbonne); &quot;Exploratory spatial data analysis&quot; workshop, Dept. of Regional Economics, Free U. of Amsterdam [funded by the European Urban and Regional Spatial Analysis Network]; Interdisciplinary Consortium for Statistical Applications &amp; Dept. of Geography, Indiana U.; American Association of Geographers, 88th annual meeting, San Diego</td>
</tr>
<tr>
<td>1991</td>
<td>&quot;Spatial Analysis for GIS,&quot; Dept. of Geography, U. of Sheffield [funded by British ESRC]; Dept. of Geography, U. of Ottawa; Cornell Theory Center’s National Supercomputer Facility; Statistics Canada Canada (2)</td>
</tr>
<tr>
<td>1989</td>
<td>(with Anselin) American Association of Geographers, 85th annual meeting, Baltimore (2); Sixth European Colloquium on Theoretical and Quantitative Geography, Chantilly, France</td>
</tr>
<tr>
<td>1978</td>
<td>Ontario Division of the Canadian Association of Geographers, Ryerson Polytechnical U.</td>
</tr>
</tbody>
</table>

### COMPUTER DEMONSTRATIONS AND WORKSHOPS (28)

<table>
<thead>
<tr>
<th>Year</th>
<th>Event and Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>2014</td>
<td>(with Chun) Spatial Accuracy, Michigan State U.; (with Chun) AAG, Tampa; ERSA Summer School, Adam Mickiewicz U., Poland</td>
</tr>
<tr>
<td>2013</td>
<td>(with Chun) Spatial Statistics, Columbus</td>
</tr>
<tr>
<td>2012 &amp; 2013</td>
<td>(with Chun) NA Regional Science annual meeting, Ottawa, CA; Atlanta</td>
</tr>
<tr>
<td>2012</td>
<td>(with Chun) Spatial Accuracy Assessment in Natural Resource and Environmental Sciences</td>
</tr>
<tr>
<td>2011</td>
<td>(with Chun) Seoul National University, Korea; Korean Research Institute for Human Settlements, Seoul</td>
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<td>2008</td>
<td>(with Tiefelsdorf) Spatial Filtering with the Eigenvector Approach, UTD (NSF funded)</td>
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<td>2007</td>
<td>Research Center for Biodiversity of Academia Sinica, Taiwan, Fushan Botanical Garden Research Center</td>
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<td>2005</td>
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</tr>
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<td>1994</td>
<td>Dept. of Geography, SUNY/Buffalo</td>
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<td>1993</td>
<td>Assn. of American Geographers, 89th annual meeting, Atlanta; Dept. of Geography, UC/Santa Barbara</td>
</tr>
<tr>
<td>1992</td>
<td>Dept. of Economics, Universitat Pompeu Fabra, Barcelona, Spain; CNRS Pour l'Advancement des Recherches sur l'Interaction Spatiale, U. of Paris I (Sorbonne); &quot;Exploratory spatial data analysis&quot; workshop, Dept. of Regional Economics, Free U. of Amsterdam [funded by the European Urban and Regional Spatial Analysis Network]; Interdisciplinary Consortium for Statistical Applications &amp; Dept. of Geography, Indiana U.; American Association of Geographers, 88th annual meeting, San Diego</td>
</tr>
<tr>
<td>1991</td>
<td>&quot;Spatial Analysis for GIS,&quot; Dept. of Geography, U. of Sheffield [funded by British ESRC]; Dept. of Geography, U. of Ottawa; Cornell Theory Center’s National Supercomputer Facility; Statistics Canada Canada (2)</td>
</tr>
<tr>
<td>1989</td>
<td>(with Anselin) American Association of Geographers, 85th annual meeting, Baltimore (2); Sixth European Colloquium on Theoretical and Quantitative Geography, Chantilly, France</td>
</tr>
<tr>
<td>1978</td>
<td>Ontario Division of the Canadian Association of Geographers, Ryerson Polytechnical U.</td>
</tr>
</tbody>
</table>

### PRESENTATIONS

- **American Association of Geographers annual meeting:** Milwaukee (70th), 1974; Salt Lake City (73rd), 1977; New Orleans (74th), 1978; Philadelphia (75th), 1979; Louisville (invited for the Nystrom Competition; 76th), 1980; Los Angeles (77th), 1981; San Antonio (78th), 1982; Denver (79th), 1983; Washington, D. C. (80th), 1984; Minneapolis (82nd), 1986; Phoenix (84th), 1988; San Diego (88th), 1992; San Francisco (90th), 1994 (2); Chicago (91st), 1995; Ft. Worth (93rd), 1997; Boston (94th), 1998; Honolulu (95th), 1999 (2); Pittsburgh (96th), 2000; New York (97th), 2001; Los Angeles (98th), 2002 (2); New Orleans (99th), 2003; Philadelphia (100th), 2004; Denver (101st), 2005; Chicago (102nd), 2006; San Francisco (103rd), 2007 (2); Boston (104th), 2008 (3); Las Vegas (105th), 2009; Washington, DC (106th), 2010 (2); Seattle, WA (107th), 2011; New York City (108th), 2012; Los Angeles (109th), 2013 (2); Tampa (110th), 2014 (4); Chicago (111th), 2015 (3); San Francisco (112th), 2016 (4) |
- **NA Regional Science Association annual meeting:** Chicago (25th), 1978; Los Angeles (26th), 1979; Milwaukee (27th), 1980; (with B. Holly) Montreal (28th), 1981; Pittsburgh (29th), 1982; Chicago (30th), 1983; Baltimore (31st), 1987; Toronto (35th), 1988; Santa Barbara (CA; 36th), 1989; Boston (37th), 1990; New Orleans (38th), 1991; (with A. Can) Houston (40th), 1993; Niagara Falls (41st), 1994; (with Can; with Tiefelsdorf) Cincinnati,
• Geocomputation: Wuhan, 2013 (poster); UTD, 2015 (6)
• American Association for the Advancement of Science: Boston, 2013
• International Society for Urban Health, San Francisco, 2016
• The Spatial Econometrics Association: Cambridge, 2007; Barcelona, 2009 (2); Washington, DC, 2013; Rome, Italy, 2016
• Spatial Accuracy Assessment in Natural Resource and Environmental Sciences: Williamsburg, VA, 1994; Ft. Collins, CO, 1996; Quebec, 1998; Amsterdam, 2000; Melbourne, Australia, 2002; (& TIES) Portland, ME, 2004; Lisbon, Portugal, 2006; Shanghai, China, 2008; Leicester, 2010; Florianópolis, Brazil, 2012 (2); Michigan State U., 2014; Montpellier, 2016 (2)
• American Statistical Association annual meeting: Toronto, 1994; Chicago, 1996; (paper presenter & co-exhibitor) Baltimore, 1999; Montreal, 2013
• ERSA Summer School: Poznan, 2014
• ISPRS-IGU International Conference: Toronto, 2014 (2)
• NECTAR: Azores, 2013
• Spatial Statistics: Enschede (The Netherlands), 2011
• LINSTAT 2012, Bedlewo, Poland
• GEOINT: San Antonio, 2011
• The Society for Environmental Geochemistry and Health: New Orleans, 2007; Galway, Ireland, 2010
• International Medical Geography Symposium: Toronto, 1994; Chicago, 1996; (paper presenter & co-exhibitor) Baltimore, 1999; Montreal, 2013
• American Statistical Association annual meeting: Toronto, 1994; Chicago, 1996; (paper presenter & co-exhibitor) Baltimore, 1999; Montreal, 2013
• ERSA Summer School: Poznan, 2014
• ISPRS-IGU International Conference: Toronto, 2014 (2)
• NECTAR: Azores, 2013
• Spatial Statistics: Enschede (The Netherlands), 2011
• LINSTAT 2012, Bedlewo, Poland
• GEOINT: San Antonio, 2011
• The Society for Environmental Geochemistry and Health: New Orleans, 2007; Galway, Ireland, 2010
• International Medical Geography Symposium: Ft. Worth, TX, 2005
• GEOMED 2005: U. of Cambridge
• Spatial Ecology Workshop, U. of Miami: 2005
• P20 Exploratory Centers Program Workshop, U. of Miami: 2005
• TIMS/ORSA annual meeting: Chicago, 1993
• Sigma Xi Forum & Sigma Xi annual meeting, Minneapolis, 1999 (2)
• PRSCO: Wellington (& ANZRSA; NZ), 1997; Valdivia (Chile), 2004
• Canadian Association of Geographers: U. of Western Ontario, 1978; Queen’s U., 1991; Waterloo, 1994; Montreal, 1995 (2)
• 10th International Time Series Meeting: Toronto, 1983
• British Section, Regional Science Association: U. of Leeds, 1983
• ISPRS-IGU: Toronto, 2014
• IGU Regional Congress: Brisbane, Australia, 2006
• Canadian Regional Science Association: McMaster U., 1987
• European Colloquium on Quantitative & Theoretical Geography: Bardoncchia, Italy, (5th) 1987; Chantilly, France, (6th) 1989; Dourdan, France, (18th) 2013
• European Congress of the Regional Science Association: Louvain-la-Neuve, Belgium (32nd), 1992; Volos, Greece, 2006; Liverpool, UK, 2008; Lodz, Poland, 2009; Lisbon, Portugal, 2015
• 3rd ICA Workshop on Geospatial Analysis and Modeling, Gävle, Sweden, 2009
• 3rd ICA Workshop on Geospatial Analysis and Modeling, Gävle, Sweden, 2009
• StatGIS 2009, Milos, Greece, 2009
• (with D. Johnson and K. McDade) Rocky Mountain Section of the S.E.G. H., Salt Lake City, 1994
• Middle States Division of the American Association of Geographers: Rochester, 1981; Montclair State College, 1982; West Point, 1983; (with F. Csillag; Dave Smith) Syracuse U., 1992 (2)
• Northwest Division of American Association of Geographers: Denton, 2016 (4)
• Pittsburgh Modelling and Simulation Conference: U. of Pittsburgh (14th), 1983
Pennsylvania Academy of Sciences: Carlow College, Pittsburgh, 1971; Lafayette College, 1972
Ontario Division of the Canadian Association of Geographers: Ryerson Polytechnical U., 1978
ISOLDE 81, Skodsborg, Denmark, 1981
CLAG, SUNY/Buffalo, 1981
"Spatial Distributions and Pattern Analysis" Colloquium: SUNY/Buffalo, 1981
International Geographic Information Systems Symposium: The Research Agenda, Crystal City, VA, 1987
Western Regional Science Association: San Diego, 1989; The Big Island, 2016
International Workshop on Spatial Econometrics and Statistics: Rome, 2006 (2)
Jean Paelinck Seminar on Spatial Econometrics: Zaragoza, Spain (2nd), 2006
Northeast Regional Science Association: (with L. Layne and A. Sone) Binghamton, NY, 1996
American Society of Tropical Medicine and Hygiene: New Orleans, 2008

PANELS
American Association of Geographers annual meeting: Portland (83rd), 1987; Phoenix (84th), 1988; Baltimore (85th), 1989 (2); Toronto (86th), 1990; Chicago (102nd), 2006; Chicago (111th), 2015 (2)
Geocomputation: Wuhan, 2013

PROFESSIONAL MEMBERSHIPS AND ACTIVITIES

Offices Held
- elected Councilor at Large, Regional Science Association International (2015-17)
- Chair of the Steering Committee, International Spatial Accuracy Research Association (ISARA; 2014-present)
- vice president (1998-99), president (1999-2000), past president (2000-01), Syracuse Chapter of Sigma Xi
- elected chairman of the MM&QM Specialty Group, AAG (1987-1988)
- elected Board Member of the MM&QM Specialty Group, AAG (1989-1991)
- elected Board Member of the Microcomputer Specialty Group, AAG (1993-1996)
- elected Board Member, Syracuse Chapter of the American Statistical Assn., (1991-92; 1993-95)

Memberships
- The American Association of Geographers
- The Regional Science Association
- The American Mathematical Society
- The American Statistical Association
- The Mathematical Association of America
- The Fulbright Association
- Sigma Xi
- American Association for the Advancement of Science
- Spatial Econometrics Association

Meeting Organization Activities
- Space-time integration in Geography and GIScience, American Association of Geographers, Seattle, 2011
- Program Committee for the 35th Regional Science Association, Toronto, 1988
- NATO Advanced Studies Institute: Chateau de Bonas, France, 1980; San Miniato, Italy, 1982; Hanstholm, Denmark, 1985
- American Association of Geographers annual meeting: Milwaukee, 1974 (see Vol. 7, 1975, A. A. G. Proceedings, pp. 297-298); Baltimore, 1989 (2; 1 with Grant Thrall); San Diego, 1992; Las Vegas, 2009 (2);
Washington, DC, 2010 (2); Seattle, WA, 2011 (2); New York City, 2012 (2); Los Angeles, 2013 (2); Tampa, 2014 (2)

• North American Regional Science Association annual meeting: (with L. Anselin) New Orleans, 1991 (2); Niagara Falls, Canada, 1994; Cincinnati, 1995

• Dept. of Geography Colloquium entitled "Spatial Distributions and Pattern Analysis" under the joint auspices of NATO Scientific Affairs Division, SUNY/Buffalo, AAG MM&QMSG, and IGU: WGSAMM, 1981.


• (with M. Monmonier, S. DeGloria, L. Herrington, R. McMaster) "NYSPGIA Minnowbrook workshop," Minnowbrook Conference Center (Syracuse U.), Blue Mountain Lake, 1990

• Canadian Association of Geographers: Montreal, 1995

• (with R. Tata) CLAG, SUNY/Buffalo, 1981

• (with J. Pipkin, C. Willmott) Middle States Division, Assn. of Am. Geographers, Rutgers U., 1979

Conference Special Session (Co-)Organizer

• American Association of Geographers annual meeting: San Francisco (103rd), 2007 (2); Boston (104th), 2008 (2); Las Vegas (105th), 2009 (2); Washington, DC (106th), 2010 (2); Seattle, WA (107th), 2011 (2); New York City (108th), 2012 (2); Los Angeles (109th), 2013 (2); Tampa (110th), 2014 (2); Chicago (111th), 2015 (2)

Conference Session Chairperson

• American Association of Geographers annual meeting: Los Angeles, 1981; Toronto, 1990; Los Angeles, 2002; Washington, DC, 2010 (2); Seattle, WA, 2011; New York City, 2012; Los Angeles, 2013; Tampa, 2014

• Regional Science Association annual meeting: Toronto, 1988; Santa Barbara (CA), 1989; New Orleans, 1991; Niagara Falls, Canada, 1994; Cincinnati, 1995; Boston, 1998; Atlanta, 2013

• Geocomputation: 2015 (4)

• Spatial Statistics: Enschede, 2011; Columbus, 2013

• ISPRS-IGU International Conference: Toronto, 2014

• Spatial Econometrics Association: Cambridge, 2007

• 10th International Symposium on Spatial Accuracy Assessment in Natural Resources and Environmental Sciences (Accuracy 2012), Florianópolis, SC, Brazil

• Spatial Econometrics and Regional Economic Analysis Conference, Lodz, Poland

• Geocomputation: Wuhan, 2013

• Quantitative Methods Study Group, Institute of British Geographers meeting: U. of Sheffield, 1983

• Western Regional Science Association: San Diego, 1989

• Sixth European Colloquium on Quantitative and Theoretical Geography, Chantilly, France, 1989


• European Congress of the Regional Science Association, Louvain-la-Neuve, Belgium, 1992

• International Workshop on Spatial Econometrics and Statistics: Rome, 2006

• World Conference of the Spatial Econometrics Association: 2009

• Jean Paelinck Seminar on Spatial Econometrics: Zaragoza, Spain, 2006

• NATO ARW, Amsterdam, 1983

• "Spatial Distributions and Pattern Analysis," Session 2, Dept. of Geography, SUNY/Buffalo, 1981


Conference Paper Discussant

• Session in Honor of Walter Isard, “Distance inputs and spatial markets,” by M. Beckmann, paper presented to the Regional Science Association, Toronto, 1988

• Regional Science Association annual meeting: Baltimore, 1987; Toronto, 1988; Santa Barbara (CA), 1989; New Orleans, 1991; Houston, 1993; Niagara Falls, Canada, 1994; Santa Fe, 1998; Montreal, 1999; Chicago, 2000; Charleston, 2001; San Juan, PR, 2002; Seattle, 2004; Las Vegas, 2005; Toronto, 2006

• American Association of Geographers annual meeting: Phoenix, 1988; Baltimore, 1989 (2); Denver, 2010


• European Congress of the Regional Science Association: Louvain-la-Neuve, Belgium, 1992

• PRSCO/ANZRSA Conference presentation, Wellington, NZ, 1997
• International Workshop on Spatial Econometrics and Statistics: Rome, 2006
• World Conference of the Spatial Econometrics Association: 2009
• moderator for Accuracy 2000 session, Amsterdam

Conference paper/workshop selection reviews
• ISPRS & IGU: 2013 (4)
• GIScience: 2012 (3) 2014 (7)
• ICSDM: 2011 (7)
• ICAGAM: 2011 (2)
• StatGIS: 2009 (2)
• Geocomputation: 2013 (7)
• Spatial Statistics: 2011 (17) 2013 (37)
• Spatial Econometrics Association: 2011 (8)
• Spatial Data Handling: 2016 (6)
• IVAPP 2017: 2016 (3)

Journal Papers, Book Chapters, and Research Projects Reviewed
• Acta Tropica: 2009 2010 2012
• American Economic Review: 1991
• American J. of Political Science: 2006 (2)
• American J. of Preventive Medicine: 2004
• American J. of Tropical Medicine and Hygiene: 2006 (2)
• Annals of Applied Statistics 2011
• Annals, American Association of Geographers: 1981-90 (20) 1993-99 (3) 2000-10 (9) 2011 (3) 2013 2014 2015 (2) 2016 (3)
• BioMed Research International: 2015
• Bridging Scales in Soil Physics (edited volume): 2002
• Canadian J. of Regional Science: 1998
• Cartography and Geographic Information Systems: 1993 2014 (4) 2015
• Communications in Statistics: 1994 1996
• Computational and Applied Mathematics: 2009
• Computational Statistics & Data Analysis: 2001 2008 2009 2010
• Computers & Geosciences: 1995 2005 (2)
• Demographic Research: 2012 2015
• Demography: 1990
• Discrete Dynamics in Nature and Society: 2010
• Ecography: 2008
• Ecological Modeling: 2005
• Ecology: 2004 2007
• Econometric Theory 2011
• Economic Geography: 1982-87 (4) 1992 1993
• EcoTrack: 2009
• Electoral Studies: 2010 2012 (2) 2014
• Empirical Economics: 2006 2007
• Encyclopedia of Social Measurement: 2002
• Environment & Planning D: Government & Policy: 1984
• Environmental and Ecological Statistics: 2007 2008
• Environmental Geochemistry and Health: 2012
• Environmetrics: 2015
• Estadistica Española 2011
• European J. of Operations Research: 1981 (2)
• Geoderma: 1991 1997
• Geographical & Environmental Modelling: 1997 1999
• Geography Research Forum: 1987
• GeoJournal: 2014
• Handbook of Agricultural Statistics: 1998
• Historical Methods: A J. of Quantitative and Interdisciplinary History: 2016 (2)
• IMaGe: 1987
• International J. of Health Geographics: 2004 2006 2007 2013 2016 (2)
• International J. of Information Technology and Decision Making: 2016
• International J. of Remote Sensing: 2006
• J. of Geographic Information Science
• (J. of) Geographical Systems: 1993-99 (5) 2000-10 (21) 2012(2) 2013 (4) 2014 (2) 2015 (2)
• J. of Health and Place: 2004 2006
• J. of Historical Geography: 2001 2005
• J. of Latin American Geography: 2006 2014
• J. of Latin American Studies: 2004
• J. of Public Health Management: 2001
• J. of Quantitative Criminology: 2013 (2)
• J. of Time Series Analysis: 2013
• J. of Transport Geography: 1999
• Landscape and Urban Planning 2012
• Linear Algebra and Its Applications: 1996 1997
• Malaria Research and Treatment: 2015
• Marine Ecology Progress Series: 2013
• Ontario Geography: 1985
• Photogrammetric Engineering and Remote Sensing: 1995
• PLOS ONE: 2014
• Population, Space and Place: 2012
• Quaestiones Geographicae: 2015
• Region: 2016 (2)
• Remote Sensing of Environment: 2015
• Risk Analysis: 2006 2007
• Science: 1980
• Sistemi Urbani: 1992 (2)
• Social Networks: 2007 2008 2011
• Social Science and Medicine: 2004
• Social Science Research: 1981
• Sociological Methodology: 1999
• Spatial Economic Analysis: 2010 2011 (3) 2012 2014 (2) 2015 (2)
• Statistical Methodology: 2006
• The American Naturalist: 1980
• The Canadian Geographer: 1985 1989
• The Operational Geographer: 1989 1992 (6)
• The Statistician: 1993
• Transactions in GIS: 2010 2011 2014 (2)
• Transportation Review Board: 2000
• URISA J.: 2000 (2) 2001 2003 2005
• EPA pre-journal submission: 2005
• CLAG Yearbook: 1982 (12), 1994
• Advances in Spatial Science: 2008
• Spatial Analysis Handbook: 2008

• NATO Scientific Affairs Advisory Board: 1982-90 (4) 1991
• Marie Currie Individual Fellowship: 2005
• Rockefeller Foundation: 1996
• Research Grants Council (RGC) of Hong Kong: 2012 2013 2014 2015 (2) 2016 (2)
• SSHRC of Canada: 1987 1997 2006 2013 2104
• NSERC of Canada: 2005 2014 2015
• Poland National Science Centre: 2014 2016
• German Research Foundation: 2016
• National Geographic: 2004 2006 2007
• USEPA: 1994 (17)
• UK Economic and Social Research Council: 1993
• College of William & Mary (AidData Center): 2015
• Cornell Theory Center (NSF supercomputer center): 1994
• MCUS: 2004 (4)

Book Manuscripts/New J. Proposals Reviewed
• Pergamon Press, 1989
• Oxford University Press, 1991
• Prentice Hall, 1993
• Wiley, 1994, 2004
• Springer-Verlag, 1999
• Duxbury, 1999
• Arnold, 2002
• CRC Press, 2008 2009
• Elsevier/Academic, 2005 2016
• Palgrave/Macmillan, 2015 2016

External Evaluations
• Faculty university honors:
  Excellence in Scholarship: SUNY Chancellor’s Citation (2006)
  Study leave: George Mason U. (2007)
  Professor and Center Director: Ohio State U. (2009)
  Crossing-of-pay-bands professor: Chinese University of Hong Kong (2011, 2016)
  Distinguished Research Master honor: Louisiana State U.
  Professor Extra-ordinaire: Université Catholique de Louvain (2009)
  COPH early career award, University of South Florida (2012)
• Departmental
  Department of Geography, Hunter College, CUNY (2016)

Contributions to Professional Reports and Publications
• book endorsement: Scale in Spatial Information and Analysis, J. Zhang, P. Atkinson and M. Goodchild, CRC Press
• 1980-Assn. of American Geographers, Quantitative Methods and Mathematical Models Specialty Group’s advisory memorandum to the Geography & Regional Science Program, National Science Foundation
• 1985-Geography and Regional Science Program, National Science Foundation
• “Geographers,” by Chronicle Guidance Publications, January 1997 release
• "White paper on research-based education," as representative of Syracuse U. at UCGIS meetings, Bar Harbor, ME, 1997
• external assessment for establishing the Center for Geographic Analysis, Harvard University

UNIVERSITY OF TEXAS @ DALLAS SERVICE

University Service
• Committee on Qualifications of Academic Personnel, 2012/13-2014/15
• Advisory Committee on Research, 2013/14
• ad hoc committee member for promotion to full professor case, 2006/7, 2013/14 (chair), 2014/15
• ad hoc committee member for tenure and promotion to associate professor case, 2014/15
• annual Compliance review, 2005-present
• dissertation defense chair, 2006 (Geosciences), 2008 (Literary Studies and Historical Studies)
• Information Security Advisory Committee, 2015/17
• Information Resources Security, Planning, and Policy Committee, 2007/09
• Intellectual Property Committee, 2009/10-2012/13
• invited “field tester” for new class on campus safety and violence prevention, 2008
• PI for UT System Graduate Programs Initiative pre-proposal, and invited full-proposal
• Presentation at the IIE Research & New Venture Showcase: Geospatial Sciences, 2008
• Execution of a Memorandum of Understanding between UTD and Wuhan University, 2012/13

School Service
• EPPS Dean’s Search Committee, 2012
• GEOG/GIS Program Committee, 2005-present
• Faculty Advisory Committee (FAC), ex officio, 2005-09; Dean’s appointment, 2009-present
• School Academic Review and Scholarship Committee, 2010/11, 2013/14-2014/15
• GISC Associate Unit Head, 2007-2015
• Academic Review and Scholarship Committee, 2015, 2016
• GIS Program Director Search Committee, 2006/7
• Chair of Search Committee for new GISC Program Head, 2007 & 2008
• Graduate Programs Advisory Committee
• Hosted colloquium speaker: 2007 (1), 2008 (2), 2009 (2), 2013 (inaugural lecture, Irving J. Hock Interdisciplinary Speaker Series), 2014
• Hosted workshop, 2009

Community
• leader, Green Acres Cub Scout Pack, 1980-81
• helped a South Vietnam refugee family resettle to Syracuse
• co-chaperoned Latin Day at Syracuse U. for local high school students
• member of the Syracuse Regional Lead Task Force, 1996-2003
• science judge at the MOST Science Fair, junior division, Onondaga Community College, 2000-01