

Programme Overview

Tuesday 29 May 2018		Wednesday 30 May 2018		
Registration desk 14:00-18:00		Registration desk 09:00-16:00		
Workshops “Introduction to Spatial Agent-Based Modeling” [09:00-13:00 Room A605] “How to Publish a Paper in Regional Science” [11:00-13:00 Room A604] “Urban Planning: Blueprints for Small Towns of India” [09:00-13:00 Room A603]	ABC Meeting (by invitation only) [09:00-13:00 Room A602]	Sessions of RSPP on <i>Forty under Forty</i> (1) [09:00-10:30]		
		COFFEE BREAK [10:30-11:00]		
		SEMI PLENARY SESSION <i>Goa Government</i> Chair: Tapati Banerjee Keynote Presentations: S.T. Puttaraju Seetharam Babu [11:00-12:30-Lecture theatres A3]		Parallel Sessions (2) and Poster Session [11:00-12:30]
		LUNCH [12:30-14:00]		
		Parallel Sessions (3) [14:00-15:30]	PRSCO Council Meeting (by invitation only) [14:00-15:30 Room C405]	IRSA AGM (by invitation only) [14:00-15:30 Lecture theatres A3]
OPENING CEREMONY Governor of Goa, Her Excellency Smt Mridula Sinha Bibek Debroy, Government of India S. T. Puttaraju, Government of Goa Sunita Narain, Centre for Science and Environment Suranjan Das, Jadavpur University Budy Resosudarmo, RSAI Debasis Patnaik, BITS Chitta Ranjan Pathak, IRSA Sumana Bandyopadhyay, IRSA [15:30-16:30 Auditorium]		COFFEE BREAK [15:30-16:00]		
PLENARY SESSION <i>Spatial Systems: Social Integration, Regional Development and Sustainability</i> Chair: Budy Resosudarmo Keynote Presentations: Janet E. Kohlhase Andrés Rodriguez Pose [16:30-18:00 Auditorium]		PLENARY SESSION <i>Regional Cooperation Policy</i> Chair: Kingsley Haynes Keynote Presentations: Iwan Azis Steven G. Craig Sachidanand Sinha Xue Ling [16:00-18:00 Lecture theatres A3]		
Welcome Reception [18:30-22:00 BITS Guest House Lawns]				

PROGRAM | 12th World Congress of the RSAI

Thursday 31 May 2018		Friday 1 June 2018	
Registration desk 09:00-16:00		Registration desk 09:00-14:00	
Parallel Sessions (4) [09:00-10:30]		Parallel Sessions (7) [09:00-10:30]	
COFFEE BREAK [10:30-11:00]		COFFEE BREAK [10:30-11:00]	
SEMI PLENARY SESSION <i>Regional Science Policy and Practice</i> Chair: Peter Nijkamp Keynote Presentation: Luc-Normand Tellier [11:00-12:30 Lecture theatres A3]	Parallel Sessions (5) [11:00-12:30]	ROUND TABLE <i>Social and Spatial Integration and Global Citizenship</i> Chair: Andrés Rodríguez Pose Keynote Presentations: Abdul Shaban Saraswati Raju Anindita Dutta Armida Alisjahbana [11:00-12:30 Lecture theatres A3]	
LUNCH [12:30-14:00]	LRPC Meeting (by invitation only) [12:30-14:00 Room C405]	LUNCH [12:30-14:00]	RSAI Council Meeting (by invitation only) [12:30-14:00 Room C405]
MAIN SCHOOLS OF REGIONAL SCIENCE Chair: Roger Stough Henri de Groot, Vicente Royuela Mora, Jouke van Dijk, Eduardo Haddad, Helmut Yabar, Trakeshi Mizunoya, Andrés Rodríguez-Pose, Kieran Donaghy [14:00-15:30 Lecture theatres A3]		Parallel Sessions (8) [14:00-15:30]	
COFFEE BREAK [15:30-16:00]		COFFEE BREAK [15:30-16:00]	
SEMI PLENARY SESSION <i>Inclusive City Planning</i> Chair: Amitabh Kundu Keynote Presentations: P. Jayapal M. Satish Kumar Banasree Banerjee [16:00-18:00 Lecture theatres A3]	Parallel Sessions (6) [16:00-17:30]	PLENARY SESSION <i>Space Programme and Geoinformatics: Policy and Practice</i> Chair: Debapriya Dutta Keynote Presentations: Bhoop Singh Antonio Sarmento V. Gopalakrishna [16:00-18:00 Lecture theatres A3]	
		Closing and Gala Dinner Valedictory Address by Amitabh Kundu [18:30-22:00 Panjim]	

Day by day programme

The presenting authors are marked in bold

Tuesday, 29 May 2018

Workshops

WORKSHOP 1

09:00-13:00

Tue_Room A605

“Introduction to Spatial Agent-Based Modeling”

by

Yuri Mansury, Illinois Institute of Technology, USA



Registration to regionalsciencecongress2018@gmail.com, indicating name, institution, role in the institution and email.

WORKSHOP 2

11:00-13:00

Tue_Room A604

“How to Publish a Paper in Regional Science”

by

Andres Rodriguez-Pose, London School of Economics and Political Science, UK

Mark Partridge, The Ohio State University, USA

Michael Carroll, University of North Texas, USA

Neil Reid, University of Toledo, USA

Vicente Royuela-Mora, University of Barcelona, Spain



Registration to tomas.lc.dentinho@uac.pt, indicating name, institution, role in the institution and email.

WORKSHOP 3

09:00-13:00

Tue_Room A603

“Urban Planning: Preparing Blueprints for Small and Medium Towns”

by

Kanika Basu, General Manager, Housing and Urban Development Corporation of India (HUDCO)



Registration to kanika.urp@gmail.com, indicating name, institution, role in the institution and email.

Opening

OPENING CEREMONY

15:30-16:30

Tue_ Auditorium

Welcome Speeches

Her Excellency Smt Mridula Sinha, Governor of Goa
Bibek Debroy, Chief Economic Advisor to the Prime Minister of India
S. T. Puttaraju, Chief Town Planner of Goa
Sunita Narain, Director of the Centre for Science and Environment
Suranjan Das, Vice Chancellor of Jadavpur University
Budy Resosudarmo, President of RSAI
Debasis Patnaik, Department of Economics, BITS Goa
Chitta Ranjan Pathak, Secretary, RSA India
Sumana Bandyopadhyay, President of RSA India and LOC Chair

Plenary Session

Spatial Systems: Social Integration, Regional Development and Sustainability

PLENARY SESSION

16:30-18:00

Tue_ Auditorium

Chair: Budy Resosudarmo, Australian National University, Australia

Keynote Presentations

Labor Force Diversity and Firm Survival

Janet E. Kohlhase, University of Houston, USA



The revenge of the places that don't matter

Andrés Rodríguez Pose, London School of Economics, UK



Welcome Reception | 18:30-22:00 | BITS Guest House Lawns

Wednesday, 30 May 2018

Sessions of RSPP on *Forty under Forty* (1)

Special Session

09:00-10:30

Wed_(1)_Room A508

SS00_1. Forty under Forty

Chairs: Andre Torre and Livia Madureira

- Anja Rossen**, Anne Otto, Annekatrin Niebuhr, Christian Teichert
1105 Graduate migration in Germany - new evidence from an event history analysis
- Anja Rossen**, Michaela Fuchs, Antje Weyh, Gabriele Wydra-Somaggio
1131 Why do women earn more than men in some regions?
- Amit Patel**, George Joseph, Anne Shreshtha, Sophie Ayling, Namesh Killemsetty
1191 Effects of Residential Mobility and Migration on Standards of Living in Dar es Salaam, Tanzania: A Sequence Analysis of Residential History Data
- Naqun Huang, Jing Li, **Amanda Ross**
1794 Home Equity and the Timing of Claiming Social Security Retirement Income

Special Session

09:00-10:30

Wed_(1)_Room A601

SS00_2. Forty under Forty

Chairs: Kingsley Haynes and Yoshiro Higano

- Andrew Greenlee**
1402 Status discrepancy and the structure of individual and collective pathways of residential mobility for the Chicago Metropolitan Area (2006-2015)
- Karan Barpete**, Arnab Jana
1527 Where we choose to live and why? A case study of accessibility factors influencing residential choices
- Debarshi Indra, **Abhradeep Maiti**
1666 Revisiting the Fundamental Law of Road Congestion using Quantile Regression

Special Session

09:00-10:30

Wed_(1)_Room A602

SS00_3. Forty under Forty

Chairs: Roger Stough and Jacques Poot

- Nikhil Kaza**, Mark He, Nathaniel Pritchard, Joey Glaser, Shankar Bhamidi
1088 Delineating spatial regions using community detection techniques
- Zeynep Elburz**, Kemal Mert Çubukçu
1090 Public Infrastructure and Regional Growth Relationship from a Spatial Perspective with a Time-Varying Spatial Weight Matrix
- Nikhil Kaza**, Parmanand Sinh, Kyle Onda, Andrea Gaughan, Forrest Stevens
1147 The missing millions: Undercounting urbanization in India
- Jaykrishnan Pillai**, Rutool Sharma
1540 Making Room Approach: An Alternative to Conventional Planning Approach for managing India's Rapid Urbanization

Special Session

09:00-10:30

Wed_(1)_Room A603

SS00_4. Forty under Forty

Chairs: Neil Reid and Michael Carroll

Sébastien Bourdin

1000 Does the cohesion policy work in Central and Eastern Europe? Spatial heterogeneity matters

Prachi Jadhav, Nambram S Devi, Naveen Krishna Alla, **Rathin Biswas**

1407 Happiness Index: What makes you Happy?

Wade Litt, Andreas Kuebart

1626 The Brew Path: Analyzing the Economic Effectiveness of Craft Beer Tourism Programs

Special Session

09:00-10:30

Wed_Room A604

SS00_5. Forty under Forty

Chairs: Carlos Azzoni and Eduardo Haddad

Michael França, Eduardo Haddad

1227 Climate Variability and Fertility: Evidence from Brazilian Regions

Sonali Ghosh, Arunava Dey, Tapati Banerjee

1349 An efficient and effective disaster risk reduction planning through smart location intelligence and active community participation

Bruno S. de Souza, Eduardo A. Haddad

1408 Climate Changes in Brazil: Regional Vulnerability and Economic Impacts on Agricultural Productivity

Sreedhar Upendram, Lacey Hirschvogel, Biswa Das

1607 Assessing the affordability threshold of communities to comply with Water Regulations: A regional approach

Special Session

09:00-10:30

Wed_Room A605

SS00_6. Forty under Forty

Chairs: Vicente Rouyela and Budy Resosudarmo

Anna Triana Valentina

1063 The impacts of blackouts on micro, small manufacturing enterprises performance: Evidence from Indonesia

Ajay Sharma, Rupayan Pal

1219 Leadership in Tax and Public Investment Competition

Rus'an Nasrudin, Budy Resosudarmo

1277 Social Integration: Individual social capital formation and the state ideology indoctrination courses in Indonesia



Coffee Break | 10:30-11:00

Semi Plenary Session

Goa Government

SEMI PLENARY SESSION

11:00-12:30

Wed_ Lecture theatres A3

Chair: Tapati Banerjee, Director National Atlas & Thematic Mapping Organisation, India

Keynote Presentations

Evolution of the Regional Plan of Goa

S.T. Puttaraju, Chief Town Planner of Goa, India

Water-based Sports and Leisure Tourism in Goa

Seetharam Babu, Ministry of Tourism, Goa, India

Poster Session (2)

POSTER SESSION

11:00-12:30

Wed_(2)_Hall Lecture theatres A

Chair: Debasis Patnaik

Kakoli Saha, Nikhil R Mandal

1212 Mobility planning for an Indian pilgrimage city- A Case of Ujjain City, Madhya Pradesh, India.

Kasmita Das, **Awanti Acharya**

1257 A study on the metropolitan cities in India: processes, growth and infrastructural facilities

Puja Banerjee

1286 Understanding the Present Social Status of the Anglo-Indian Community of Kolkata

Rathin Biswas, Naveen Krishna, Kamlesh Kumar

1411 India's Urban Growth with Socio-demographic Aspects on Gender Scanner

Karan Barpete

1528 Allotting land for public projects using land-use suitability matrix: Case study of multi-modal logistics hub project in the city of Rourkela

Kartika Sari

1624 Evaluating the Economic Rationales of Vegetable Farming after the Implementation of Community-based Forest Management (CBFM) Case study: CBFM Coffee in Simpang Village, Garut Regency, Indonesia

Pijush Tripathi

1717 Issues of Road Transportation in Purba Medinipur District of West Bengal in Terms of Development and Environment

Parallel Sessions (2)

REGULAR SESSION

11:00-12:30

Wed_(2)_Room A501

RS03.1. Environmental Issues

Chair: Mahabubur Rahman

Mahabubur Rahman

1245 Portrayal of Climate Change News in the Newspapers of Bangladesh

Satoru Ono, Hiroari Shimizu, Michinori Kimura

1272 Social Workers' Roles in Climate Change Adaptation - A case study of adaptation to "extreme heavy snowfall" in Japanese society

Susmita Mukherji

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- 1293 Mahatma Gandhi's Relevance in Contemporary Environmental Issues
Suminori Tokunaga, Mitsuru Okiyama
- 1356 Impact of Climate Change on Regional Economies under Rapid Population Decline through Fluctuations in Japan's Rice Production: Using multi-Regional CGE Models

REGULAR SESSION

11:00-12:30

Wed_(2)_Room A502

RS06.1. Location of Economic Activity

Chair: **Mark Partridge**

- Mark Partridge**, Anping Chen, Tianshi Dai
- 1098 Agglomeration and Firm Wage Inequality: Evidence from China
- Sunny Bansal**, Joy Sen
- 1342 Scope of Airport-oriented Development (AOD) for Indian airports - a distribution assessment using Spatial Econometrics Models
- Hengky Kurniawan**
- 1393 Distinguishing Productivity Difference from Agglomeration and Selection Effect: evidence from Indonesian Manufacturing Firms
- Nancey Green Leigh**, Ben Kraft, Heon Yeong Lee
- 1415 The Implications of Industrial Robotics Labor Demand for Metropolitan Economies in the United States

REGULAR SESSION

11:00-12:30

Wed_(2)_Room A503

RS04.1. Infrastructure, Transportation and Accessibility

Chair: **João de Abreu e Silva**

- João de Abreu e Silva**, Emmanouil Chaniotakis, Marcos Correia
- 1237 Spatial equity of road infrastructures. An analysis of the Portuguese Road Construction Program between 1991 and 2011
- Ramesh Pokharel**, Luca Bertolini, Marco te Brömmelstroet, Surya Raj Acharya
- 1271 Does transport infrastructure lower the regional economic disparity in developing countries? The case of Nepal
- Debasish Debbarma**, Saptarshi Mitra
- 1399 Impact of vehicle parking on the road network system of Agartala City, Tripura
- Abul Kalam Anwaruzzaman, **Rentu Biswas**
- 1645 Role of PMGSY to Connect Rural Bharat to Urban India: An Evaluative Study of Murshidabad District

REGULAR SESSION

11:00-12:30

Wed_(2)_Room A504

RS08.1. Migration and Labor Markets

Chair: **Annekatrin Niebuhr**

- Annekatrin Niebuhr**, Silke Hamann, Jan Cornelius Peters
- 1186 Heterogeneous benefits of dense labour markets - Evidence from transitions to employment in Germany
- Suddhasil Bose**, Subhra Halder
- 1253 Emerging Kolkata with its migrating population making change in labor market
- Jouke Van Dijk**
- 1482 International commuting between neighbouring EU-countries
- Sabyasachi Tripathi**
- 1518 Determinants of Employment Situation in Large agglomerations in India: A Cross-Sectional Study

REGULAR SESSION

11:00-12:30

Wed_(2)_Room A505

RS10.1. Regional and Urban Policy and Governance

Chair: **Tilahun Ferede Asena**

Tilahun Ferede Asena, Ayele Taye Goshu

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- 1042 Modeling the Evolution of HIV/AIDS Disease Progression: A Parametric Semi-Markov Model with Interval Censuring
Manoranjan Ghosh, Somnath Ghosal
- 1051 Regional Pattern of Rural Livelihood Opportunities and Capital in Sub-Himalayan West Bengal, India
Sabine D'Costa, Alexander Lembcke, Joaquim Oliveira Martins
- 1108 Sound macroeconomic conditions, structural reforms and productivity growth in less developed regions in the E.U.
Amit Patel, Christian Borja-Vegam, Luisa Mimmi, Tomas Soukup, Jan Kolomaznik, Tanushree Bhan, Marcia Mundt, Hyun Jung Lee
- 1197 Predicting Deprivations in Housing and Basic Services from Space in the Slums of Dhaka

REGULAR SESSION

11:00-12:30

Wed_(2)_Room A506

RS11.1. Regional Finance, Investment or Capital Markets

Chair: Mallikarjun M

- Sudhir Thakur**
1028 Public Debt and Regional Inequality in India: An Exploratory Spatial data Analysis
- Rudra Pradhan**, Saurav Dash, Manju Jaykumar, Amrit V Sabat
1043 How Does Insurance Market Development Affect Banking Sector Development: Evidence from GMM Estimates
- Mallikarjun M**
1064 Regional Inequalities, Public Investment and Convergence across major Indian States
- Sandor Kovacs**
1259 Measurement possibilities of the types of financial distances - Theories and the evidences

SPECIAL SESSION

11:00-12:30

Wed_(2)_Room A507

SS02.1. Smart Cities Initiatives for the 21st Century: Myth or Reality

Chair: Vijay Pandey

- Emmanuel Munch**, Laurent Proulhac
1240 Peak-hour spreading in Paris region? The myth of flexible working hours
- Deepti Sharma**, Vikas Misra
1283 Challenges for Developing Better Digital Lives for Smart Cities
- Hidehiko Kanegae**
1346 Planning paradigm Shift for urban systems in our near future
- Vidhu Pandey**, Joy Sen
1358 Reclaiming the lost identity: A methodology for generating Smart Urban Design solutions in Traditional Cities - Case of Varanasi

SPECIAL SESSION

11:00-12:30

Wed_(2)_Room A508

SS03.1. Territorial Governance and Local Development in Developing Countries

Chair: Habibullah Magsi

- Jitendra Parajuli**, Kingsley E. Haynes
1012 Poverty and Nongovernmental Organizations in Nepal: Some Distributional Observations
- Habibullah Magsi**, Muazzam Sabir, Andre Torre
1018 Under what management practices the land use conflicts on large construction projects can be minimized in Pakistan?
- Paul Danquah**, Henk Folmer, Kofi Asiedu
1052 Household water supply in the greater Accra region, Ghana
- Matt Gnagey**, Ryan Tans
1143 Spatial Variation in Tenure Security Premium: Evidence from Indonesia

SPECIAL SESSION

11:00-12:30

Wed_(2)_Room A601

SS10.1. Rural Transformation

Chair: **Subrata Dutta**

- Emmanuel Abokyi**, Henk Folmer, Kofi Asiedu
1006 Household Dietary Diversity Score as Food Security Measurement: The Case of Maize Farmers Participating in Buffer Stock Operations in Ghana
- Md Shafikuzzaman Joarder**
1076 Peasants' income diversification and coping status: a case of northwestern Bangladesh
- Domingos Santos**
1095 Redesigning rural development strategies: innovation dynamics reconsidered
- Andrey Baldanov**, Lily Kiminami, Shinichi Furuzawa
1156 Study on the Relationships among Agriculture, Human Resource and Rural Development in Russian Federation

SPECIAL SESSION

11:00-12:30

Wed_(2)_Room A602

SS09.1. Analytical Approaches to Climate Change at Multiple Scales

Chair: **Gerrit-Jan Knaap**

- Rebecca Lewis**, Robert Zako, Rory Isbell, Alexis Biddle
1465 Assessing U.S. State Efforts to Integrate Transportation, Land Use and Climate Change
- Arnab Chakraborty**, Bev Wilson
1467 Planning for Extreme Heat: A Vulnerability-Oriented Approach
- Gerrit-Jan Knaap**, Daniel Engelberg, Uri Avin, Fred Ducca, Sevgi Erdogan
1468 Autonomous Vehicles, Energy Prices, and Demographic Change in the Baltimore-Washington Region: Scenario Analysis with Loosely Coupled Models.

SPECIAL SESSION

11:00-12:30

Wed_(2)_Room A603

SS11.1. The future of leisure: tourism, mobility and transportation

Chair: **João Romão**

- Rajrani Kalra**
1039 Tourist-Led Regional Development in India: Determinants and Implications
- Mahipal Yadav**, Mudasir Bhat
1202 Impact of Tourism Industry on Indian Economy: An Analysis of Gulmarg and Pahalgam Tourism Centers in Jammu and Kashmir State
- Babu Meena**, R. D Gurjar
1171 Opportunities and Challenges of Heritage Tourism: A Case Study of Jaipur City
- Joao Romao**, Peter Nijkamp, Kazuo Machino, Mayumi Okada
1112 Wellness tourism participatory governance: A common pool resources approach

SPECIAL SESSION

11:00-12:30

Wed_(2)_Room A604

SS14.1. Revisiting rural-urban dichotomy for integrated regional development

Chair: **Manisha Jain**

- Aritra Chakraborty**
1299 The definitional and administrative shortcomings in India's urban sphere: some issues of differential urban governance
- Rutool Sharma, **Anurima Mukherjee Basu**
1335 Dichotomy in Planning Approaches for rural and urban areas: A critical review
- Robert Knippschild**
1352 A hard and long road towards urban-rural cooperation - Inter-municipal land use management in the Leipzig-Halle region (Germany)

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Georg Schiller, Tamara Bimesmeier, Han Thuc Tran

1524 Bridging urban rural dichotomy following building material flows of urbanization

SPECIAL SESSION

11:00-12:30

Wed_(2)_Room A605

SS17.1. Regional Science and Peace Science

Chair: Saddam Dhobi

Saddam Dhobi, Sudip Phuyal, Anil Karki, Bikarnt Karki, Ganga Prasad Shah

1067 Management of Global Warming Gas and Uses in daily life

Fu-Chuan Lai, K.L. Glen Ueng

1081 An Analysis on the Duopoly Locations and Social Welfare in a Hotelling Market

Ludovic Jeanne

1270 Is Islamic Terrorism a New Territorial and Socio-Spatial Hazard and a Political Threat to Western Democracies?

SPECIAL SESSION

11:00-12:30

Wed_(2)_Room C401

SS19.1. Globalization and Regional Science

Chair: Ritvik Chauhan

Ritvik Chauhan

1054 Crime Analysis and Predictive Modelling using geoinformatics

Peter Batey

1077 Regional Science in the Past: What Can Archives Tell Us?

Sobee Shinohara

1113 A Study on 'Galapagos Syndrome' on Mobile Handset Manufacturers in Smartphones Era in Japan

Zoltan Gal, Szilard Racz

1139 Geoeconomics in Central and Eastern Europe: economic dependencies of the European peripheries revisited

SPECIAL SESSION

11:00-12:30

Wed_(2)_Room C402

SS18.1. Natural and Man-Made Disaster Management

Chair: M S Bari

M S Bari, M.B Abubakar

1188 Carbon Sequestration Potentiality and its Economic Analysis of Different Land Use Systems in the Northern Part of Bangladesh

Abdullah Khan, Tuhin Roy, Saleh Mahmud

1255 Livelihood Challenges in Water Logging: A View from South-Western Region of Bangladesh

Md Islam, Muhammed Alauddin Al-Agad, Muhammad Ali Oakkas

1297 Role of Organizations in Preparedness and Emergency Response to Disasters: Views from the Field

Aloysius Gunadi Brata

1327 Impact of natural disasters on income inequality in Indonesia

YOUNG RESEARCHERS PRIZE

11:00-12:30

Wed_(2)_Room C404

PY.1. RSAI Young Researchers Prize

Jury: Carlos R. Azzoni, Laurie Schintler, Michael Carroll, Peter Batey, Sumana Bandyopadhyay

Debarpita Banerjee

1244 Willingness to pay estimates: Evidences from an urban wetland having recreation-cum-fishery benefits

Jayashree Sem

1558 Human Vulnerability Assessment from Demographic, Social and Climatic Dimensions

Prativa Karmakar

1581 Wetland Conservation and Kolkata's Ecological Resilience

Pradip Patra

1707 Characteristics and the nature of the trend of climate in the City Kolkata



Parallel Sessions (3)

REGULAR SESSION

14:00-15:30

Wed_(3)_Room A501

RS03.2. Environmental Issues

Chair: Nikhil Mandal

Nikhil Mandal, Kakoli Saha

1072 A pathway to deliver healthy cities in India- A case of Ujjain City, Madhya Pradesh, India

Mahua Bardhan

1087 Arsenic poisoning in Bengal delta-a geo-ecological study of West Bengal, India

Akio Matsumoto, Keiko Nakayama

1203 Environmental Policy for Non-point Source Pollutions in a Bertrand Duopoly

Lopamudra Bagchi, **Rimi Roy**

1638 Geographical and environmental assessment of east Kolkata wetland region, West Bengal, India.

REGULAR SESSION

14:00-15:30

Wed_(3)_Room A502

RS06.2. Location of Economic Activity

Chair: Deepanjan Saha

Deepanjan Saha, Joy Sen

1291 Significance of regional networks in traditional cultural industries: Case of handloom industry in Varanasi district, India

Job Nmadu, Halima Sallawu

1463 Assessing the capabilities and similarities of grafted polynomials and Holt-Winters smoothing models in forecasting Nigerian inflation

Subhrajit Guhathakurta, Wenwen Zhang

1553 Industrial Agglomeration and Employment Location Choice in the Era of Shared Autonomous Vehicles

Aparajita Singh, Haripriya Gundimeda

1622 An Analysis of Performance of Indian Leather Industry across States, Organizational Structures and Location of the firms

REGULAR SESSION

14:00-15:30

Wed_(3)_Room A503

RS04.2. Infrastructure, Transportation and Accessibility

Chair: Kakoli Saha

Kakoli Saha, N.R. Mandal, Rachna Khare

1037 Universal access assessment at religious tourist spots of India using geospatial technique

K.M. Karim

1071 Who Displaced? How Implemented the Resettlement

Mitsuyoshi Yanagihara, Makoto Tawada, Tsuyoshi Shinozaki

1161 International trade and capital accumulation in an overlapping generations model with a public intermediate good

Chairullah Amin, Yetty Tarumadoja, Fahima Naser

1533 Ports connectivity and regional economics in islands province of east Indonesia

REGULAR SESSION

14:00-15:30

Wed_(3)_Room A504

RS08.2. Migration and Labor Markets

Chair: **Büşra Güven Güney**

- Büşra Güven Güney**, Ebru Kerimoğlu
1126 An Istanbul case study of reciprocal relationship between education and employment in creative industries
- Federico Revelli**
1132 The electoral migration cycle
- Eldridge Moses**
1516 Urban informal household formation in South Africa: a life course transitions perspective
- Vicente Royuela-Mora**
1716 What Drives Migration Moves across Urban Areas in Spain? Evidence from the Great Recession

REGULAR SESSION

14:00-15:30

Wed_(3)_Room A505

RS10.2. Regional and Urban Policy and Governance

Chair: **Thomas Graaff**

- Thomas Graaff**
1211 What drives which city? Spatial heterogeneity and robustness of determinants of European city growth
- Divya Subramanian**, Arnab Jana
1329 Assessing accessibility, usability, activity profile and age appropriateness of urban Indian parks: Comparative analysis of three Indian cities
- Krishan Yadav**, Namita Dharia
1394 State of Governance in Spatial Development Planning - A case of National Capital Region (NCR), India

REGULAR SESSION

14:00-15:30

Wed_(3)_Room A506

RS11.2. Regional Finance, Investment or Capital Markets

Chair: **Tomás Dentinho**

- Tomás Dentinho**, José Cabral Vieira
1740 Public Debt. A tragedy of the commons for borrowers and creditors
- Meng Yu**, Xingjian Liu
1776 The Economic Impact on the Greater Pearl River Delta (GPRD) Area of the Hongkong-Zhuhai-Macao Bridge
- Sudhir P. R.**, Debasis Patnaik
1783 Economic determinants of country risk in South Asian countries
- Tamanna Pahooja**, Bhuvan Gupta, Debasis Patnaik
1791 Analysis of investment patterns based on SP/A theory

SPECIAL SESSION

14:00-15:30

Wed_(3)_Room A507

SS02.2. Smart Cities Initiatives for the 21st Century: Myth or Reality

Chair: **Peter Nijkamp and Vijay Pandey**

- Domingos Santos**
1066 Mind the gap: smart cities as entrepreneurial ecosystems?
- Kasumi Susaki**
1155 Criteria to keep a city with a decreasing population sustainable in Japan - A case study of Suita City in Osaka Prefecture
- Lily Kiminami**, Shinichi Furuzawa, Akira Kiminami
1158 Impacts of Multi-functionality of Urban Agriculture on the Creative Classes in Global Mega Cities: Focusing on Shanghai, China
- Céline Burger**
1224 Energy Transition and Neoliberalism, Agreement is Possible? The Case of Green Building in Gurugram, Delhi, India

SPECIAL SESSION

14:00-15:30

Wed_(3)_Room A508

SS03.2. Territorial Governance and Local Development in Developing Countries

Chair: **Frederic Wallet**

Aloysius Gunadi Brata

- 1343 Governance and the quality of infrastructures at village level: Analysis using the Indonesia Family Life Surveys

Rosidin Isfandiarni, Peter Mulder, Vid Adrison

- 1386 Income Inequality and Quality of Local Governance across Indonesia

Ramesh Ramasamy

- 1447 Administrative System of Sri Lanka: Challenges and Prospects

Frederic Wallet, Andre Torre, Etienne Polge

- 1455 Coexistence and hybridization of agricultural models in oriental Amazon. The dairy production example in two villages of the "green municipality" of Paragominas (Brazil)

Rumeysa Bayar

- 1501 Durban and Recife Urban Development Process: Critically Comparing Planning Approaches and Treatment of Social Justice in Each Cases

SPECIAL SESSION

14:00-15:30

Wed_(3)_Room A601

SS10.2. Rural Transformation

Chair: **Subrata Dutta**

Ashfaque Alam

- 1231 Dynamics of Indian Rural Transformation – A case of West Bengal

Ektaa Jain

- 1302 Culture of crafts: A way of existence and identity

Saptarshi Mitra, Stabak Roy, Apsara Shil

- 1400 Changing Nature of Traditional Tribal Weaving in Tripura, India: A Study on Chakma Community

Kasmita Das

- 1419 Rubber Plantation playing a major role as the Economic Backbone among the Tribal groups towards their Socio-Economic Development: A study on the West Goalpara District, Assam

SPECIAL SESSION

14:00-15:30

Wed_(3)_Room A602

SS09.2. Analytical Approaches to Climate Change at Multiple Scales

Chair: **Gerrit-Jan Knaap**

Surabhi Mehrotra, Ronita Bardhan, Krithi Ramamritham

- 1236 Evaluating thermal profile of urban informal housing through spatial analysis: A case of Mumbai

Kasturi Mukherjee, Pannalal Das

- 1423 Modeling the Relationship between Landscape Structure and Land Surface Temperature - A Case Study on Barasat Municipality, West Bengal, India

Aysun Aygün, Ebru Kurt

- 1462 Does Istanbul Environmental Plan Contribute to Urban Resilience?

SPECIAL SESSION

14:00-15:30

Wed_(3)_Room A603

SS11.2. The Future of Leisure: Tourism, Mobility and Transportation

Chair: **Peter Nijkamp**

Shomini Biswas

- 1127 Tourists' Importance and Satisfaction Evaluation: The Case of Selected Trekking Routes of Kumaon Himalayas, Uttarakhand, India

Hideki Fukui

- 1631 How do slot restrictions affect airfares? New evidence from the US airline industry

PROGRAM | 12th World Congress of the RSAI

João Santos

1187 Tourism, mobility and transportation: changing spaces in Lisbon (2007-2017)

Suparna Dasgupta, Joy Sen

1643 An approach to understand people's expectation for desired walk-ability in urban space Case Study: Gariahat, Kolkata

SPECIAL SESSION

14:00-15:30

Wed_(3)_Room A604

SS14.2. Revisiting rural-urban dichotomy for integrated regional development

Chair: Manisha Jain

Sunny Bansal, Joy Sen

1353 Airport-oriented development (AOD) - a potential source of adhesion and driver of growth in making more efficient urban-rural systems

Sandip Mondal

1552 The role of urban proximity in their peripheral areas: A study of the rural areas and census town in West Bengal, India

Kala Seetharam Sridhar

1570 Is India's Definition of Urbanization Conservative? Some Evidence

Neha Singh

1698 Urban and Rural: Interrogating the binaries - Waterscape of Udaipur, Rajasthan, India

SPECIAL SESSION

14:00-15:30

Wed_(3)_Room A605

SS17.2. Regional Science and Peace Science

Chair: Manas Chatterji

Sudhir Thakur

1466 Indian Regional Science at Fifty: Trends, Retrospect and Prospect

Rolee Kanchan, Tathagata Ghosh, Somnath Saha, Sukanta Saha

1530 Regionalization of Seasonal Cropping Pattern using IRS LISS-III Images in Anand District of Gujarat, India

Manas Chatterji

1761 Regional Science: It's Past and Future Frontiers

SPECIAL SESSION

14:00-15:30

Wed_(3)_Room C401

SS19.2. Globalization and Regional Science

Chair: Kenji Nozaki

Kenji Nozaki

1174 Analysis on the structure of intra-regional trade in the Greater Mekong Sub-region

Szilard Racz, Zoltan Gal

1232 Transformation of economic position of capital cities in Central and Eastern Europe

Fernando Barreiro-Pereira

1234 Globalization and convergence among big-cities

Hodjat Ghadimi

1242 Sustainability in the World's Energy Rich Regions: A Wealth Approach

SPECIAL SESSION

14:00-15:30

Wed_(3)_Room C402

SS18.2. Natural and Man-Made Disaster Management

Chair: Hiroyuki Shibusawa

Hiroyuki Shibusawa, Ryota Hanaoka, Yuzuru Miyata

1041 Evaluating the Economic Damages by Tsunami and Regilience: A Municipality Input-Output Approach

Laura Makhambera, **Parita Shah**

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- 1118 Impacts of Invasive Species on Communities around Mulanje Mountain Forest Reserve, Malawi
Pallavi Bagewadi, Dipti Mukherji
- 1120 Spatial Dimension of Disaster Management in Greater Mumbai
Marco Modica, Giovanni Marin
- 1141 Building the 'Disaster Risk Assessment Index'

YOUNG RESEARCHERS PRIZE

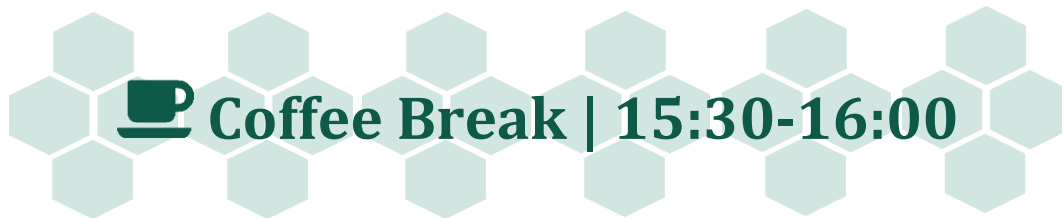
14:00-15:30

Wed_(3)_Room C404

PY.2. RSAI Young Researchers Prize

Jury: **Carlos R. Azzoni**, **Laurie Schintler**, **Michael Carroll**, **Peter Batey**, **Sumana Bandyopadhyay**

- Jaydip De**
1080 Status of Municipal E-Governance in India: A New Approach of Evaluation
- Daniele Mantegazzi**
1167 The geography of political ideologies in Switzerland
- Deepak Sethia**
1503 Regional Distribution of Federal Transfers and Expenditure in India
- Alexander Lehner**
1673 450 Years of Portuguese Colonialism in India: Missionaries, Education, Gender Gaps



Plenary Session

Regional Cooperation Policy

PLENARY SESSION

16:00-18:00

Wed_Lecture theatres A3

Chair: Kingsley Haynes, George Mason University, USA

Keynote Presentations

Regional Integration and Cooperation: Quo Vadis?

Iwan Azis, Cornell University, USA and University of Indonesia, Indonesia



The Role of Government Behavior in Understanding the Relevance of Regions

Steven G. Craig, University of Houston, USA



Sachidanand Sinha, Centre for Studies in Regional Development at Jawaharlal Nehru University, India

Xue Ling (Paul Snow), School of Government, Peking University, China

Thursday, 31 May 2018

Parallel Sessions (4)

REGULAR SESSION

09:00-10:30

Thu_(4)_Room A501

RS03.3. Environmental Issues

Chair: **Sotya Fevriera**

Sotya Fevriera, Christian Bogmans, Peter Mulder

- 1184 Urbanization versus renewable energy transition in developing countries: a spatial energy model and evidence for Indonesia

Peter Mulder, Sotya Fevriera, Gilberto Mahumane

- 1193 The Impact of Urbanization on Energy Consumption in the Global South. Evidence across Countries, Cities and Neighborhoods.

Zeynep Elburz, Kemal Mert Çubukçu, Peter Nijkamp

- 1529 The Mutual Relationship between Regional Income and Deforestation: A Study on Turkey

Sanjib Mondal, Nayan Roy

- 1354 Livelihood development for Sustainable Forest Management

REGULAR SESSION

09:00-10:30

Thu_(4)_Room A502

RS06.3. Location of Economic Activity

Chair: **Michaela Fuchs**

Michaela Fuchs

- 1070 The concentration of economic activities in East Germany. Changes in location patterns in the course of transition

Büşra Güven Güney, Ebru Kerimoğlu

- 1125 Geography of creative firms in Istanbul

Xavier Vence

- 1238 Spaces of Circular Economy: from Global Value Chains to closing the loop and close proximity

Muhammed Ziya Paköz, **Numan Kiliç**

- 1760 Factors Affecting the Spatial Distribution of Hospitals: The Case of Istanbul

REGULAR SESSION

09:00-10:30

Thu_(4)_Room A503

RS04.3. Infrastructure, Transportation and Accessibility

Chair: **Ghislaine Deymier**

Ghislaine Deymier, Frederic Gaschet

- 1163 Urban congestion and households' vulnerability within the Bordeaux Metropolitan Area

David Guerrero, **Hidekazu Itoh**, Kenmei Tsubota

- 1206 Freight rates up and down the urban hierarchy. The case of Japan

Stabak Roy, Saptarshi Mitra

- 1279 Railway infrastructure of north east India: prospects and possibilities

Ahmet Baş

- 1568 Social and economic inter-regional effects of HSR systems: a review for Turkish HSR lines

REGULAR SESSION

09:00-10:30

Thu_(4)_Room A504

RS08.3. Migration and Labor Markets

Chair: **Makoto Tawada**

PROGRAM | 12th World Congress of the RSAI

- Makoto Tawada**, Ling Qi
1122 Domestic Income Transfer in an Open Dual Economy
- Shinichi Furuzawa**, Lily Kiminami, Akira Kiminami
1160 Study on the Determinants of Creative Classes and Its impacts on Regional Economic Growth: Case study from Major Cities in Japan
- Sarga T. K.**
1672 Locating Migrant Labour in Informal Construction Industry
- João Marques**, Eduardo Castro, Marta Marques, Renato Guedes
1719 Bayesian estimation of Regional Migrations

REGULAR SESSION

09:00-10:30

Thu_(4)_Room A505

RS10.3. Regional and Urban Policy and Governance

Chair: **Jin Choi**

- Jin Choi**, Chang-Yong Moon, Woo-Jin Shin
1759 A Study on Night market Programs funded by the Government in Korea: Focused on the Case of Daein Art Market in Gwangju Metropolitan City
- Ujjwala Khare**, Prajakta Thakur
1775 Regional Disparities in Levels of Development in Kolhapur District of Maharashtra
- Riyanka Swain**, Debasis Patnaik
1789 Governance practices across central banks in the world

REGULAR SESSION

09:00-10:30

Thu_(4)_Room A506

RS14.1. Spatial Planning

Chair: **Abhijit Santra**

- Abhijit Santra**, Saptarshi Mitra
1109 Land use/cover change and Urban Growth in Agartala City, Tripura, India.
- M. Mizanur Sarker**, Hidetoshi Yamashita
1138 Use of Improved Sanitation and Drinking Water Sources: A Spatial Panel Data Analysis
- Deepank Verma**, Arnab Jana, Krithi Ramamritham
1223 How diverse are the neighbourhoods? A diversity index to assess land use mix through open source and online datasets.
- Naveen Alla**, Arnab Jana, Rathin Biswas
1506 Spatial & Temporal Assessment of Healthcare Facilities in Mumbai: K-West Ward

SPECIAL SESSION

09:00-10:30

Thu_(4)_Room A507

SS02.3. Smart Cities Initiatives for the 21st Century: Myth or Reality

Chair: **Vijay Pandey**

- Subhrangsu Goswami, **Sreenandini Banerjee**
1426 Achievements of National Missions in Developing Urban Infrastructure: Introspection through responses of cities towards Smart Cities Mission
- Rituparna Ghosh**
1484 E-governance, an initiative towards better governance: A case study of Durgapur Municipal Corporation
- Eeshan Bhaduri**, Dipanjan Nag, Arkopal Kishore Goswami
1566 Evaluation of service improvement measures on mass transit modal share

SPECIAL SESSION

09:00-10:30

Thu_(4)_Room A508

SS03.3. Territorial Governance and Local Development in Developing Countries

Chair: **André Torre**

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- Darius Tirtosuharto**
1512 Does Fiscal Efficiency Support Poverty Alleviation in the Indonesian Regions?
- Dona Ganguly**, Debasis Patnaik
1526 Conceptualizing Economic Underdevelopment and Insurgency Nexus: Case studies of Assam, Manipur and Nagaland
- Mohammad Agus Yusoff, **Athambawa Sarjoon**, Zawayah Mohd Zain
1627 Minorities and Regional Autonomy: An Analysis of Ethnic and Power Politics in Eastern Sri Lanka
- Hema Rallapalli, **Jagadeesh Gorle**
1681 Regenerative Landscaping in Retrofitting and Recreating Tropical Cities Using Community Based Approach
- Babitha Vishwanath**, Debasis Patnaik, Naga Laxmi
1746 Role of Government in Corporate Social Responsibility - A Case Study of India

SPECIAL SESSION

09:00-10:30

Thu_(4)_Room A601

SS12.1. Transforming Metropolitan Regions: Ideas and Examples

Chair: **Amit Chatterjee**

- João Santos**, João Henriques
1306 Trans-scalar and multi-dimensional approaches in urban projects: an overview from Lisbon Metropolitan Area
- Chinmay Satbhai**
1290 An investigation to determine the impact of the regulatory framework on the supply of the affordable housing in Pune city
- Meenakshi Kumari**
1481 Commutation of School Children in Context to Geographical Space of Urban Schools and Neoliberal Reform in the Cities

SPECIAL SESSION

09:00-10:30

Thu_(4)_Room A602

SS09.3. Analytical Approaches to Climate Change at Multiple Scales

Chair: **Gerrit-Jan Knaap**

- Amit Bera**
1517 Soil erosion risk mapping by integrating RUSLE Model with GIS techniques: A case study of Karha River Basin, Maharashtra, India
- Tuzin Baycan, **Aysun Aygün**
1608 The Economic Impacts of Climate Change on Agriculture in Turkey
- Surabhi Joshi**
1633 Mapping regional dichotomy of Green Growth: 175 GW renewable capacity & Indian States (E3-India Session)
- Kieran Donaghy**
1714 Climate Change Displacement: Spatial-Dynamic Modeling of Occurrence, Effects, and Adaptation

SPECIAL SESSION

09:00-10:30

Thu_(4)_Room A603

SS11.3. The Future of Leisure: Tourism, Mobility and Transportation

Chair: **João Romão**

- Kazuo Nishii, Hideki Furuya, Motoko Nose, **Joao Romao**
1395 Basic Issues on Managing Tourism Destinations in Relation to Urban and Region Planning: From Viewpoint of Area Marketing and Management Approach (AMMA)
- Guido Candela, **Maurizio Mussoni**, Roberto Patuelli
1446 Centralized vs Decentralized Tourism Policies: a Spatial Interaction Model Framework
- Anjana Bandyopadhyay**, Sonali Ghosh, Tapati Banerjee
1318 Cartographic Solution for Promoting Mountain Tourism in India
- Varun Varghese**, Arnab Jana
1262 Is ICT Improving Access to Activities? A Case Study of Mumbai, India

SPECIAL SESSION

09:00-10:30

Thu_(4)_Room A604

SS14.3. Revisiting rural-urban dichotomy for integrated regional development

Chair: **Manisha Jain**

Sabyasachi Tripathi

1025 Determinants of Rural to Urban Migration in Large Agglomerations in India: An Empirical Analysis

Manisha Jain, Artem Korzhenevych

1134 Determinates of growth in non-municipal peri-urban areas of Delhi

Felix Knopf

1136 Spatial planning beyond boundaries

Kumud Dhanwantri

1189 Role of Small and Medium Size Towns in Regional Development

SPECIAL SESSION

09:00-10:30

Thu_(4)_Room A605

SS20.1. Gender and Social Justice

Chair: **Saraswati Raju**

Madhusree Jana

1089 Reproductive Labor and Commercial Surrogacy: A Case Study in New Delhi, India

Chetana Naskar

1295 Gendered Landscape of fear in Public Space in Kolkata, India

Ektaa Jain

1303 Crafting gender by gendering crafts

Nayan Arora

1381 Culture industry and gendered spaces' stereotyping in Hindi cinema in select films post 1990

SPECIAL SESSION

09:00-10:30

Thu_(4)_Room C401

SS21.1. Innovation and Entrepreneurship

Chair: **Rudra P. Pradhan**

Rudra Pradhan, Mak B Arvin, Mahendhiran Nair, Sara E Bennett

1140 Entrepreneurship, Innovation and Growth: The Case of Eurozone Countries

Akira Kiminami, Lily Kiminami, Shinichi Furuzawa

1159 Study on Entrepreneurship and Social Capital as Determinants of New Firm Formation in Japan

Gonçalo Fernandes, Azevedo Costa

1226 Mountain Destinations and Tourist Cooperation. Concepts, positions and challenges. Study of the Serra da Estrela Natural Park

Ferhan Gezici, Güliz Salihoğlu, Burcu Müderrisoglu, Gülay Başarır

1334 The Role of Techno Parks on Regional Innovation in Turkey

SPECIAL SESSION

09:00-10:30

Thu_(4)_Room C402

SS18.3. Natural and Man-Made Disaster Management

Chair: **Tuhin Roy**

Tuhin Roy, Abdullah Khan, Baizid Alam

1222 Community Response and Cyclone Signaling in Coastal Bangladesh

Ryoya Tomeno, Hiroari Shimizu, Yusuke Toyoda

1364 A study of Effect "Social Loafing" toward Disaster Preparedness

Nabendu Kar, Sayantan Das

1560 The analysis of flood hazard in the Ghatal CD Block of Paschim Medinipur district, West Bengal, India

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Livia Madureira, Pedro G. Silva

- 1606 Climate change and declining natural and social capital in the Portuguese mountainous protected areas: a recipe for natural disasters and an opportunity for innovative territorial policies

YOUNG RESEARCHERS PRIZE

09:00-10:30

Thu_(4)_Room C404

PY.3. RSAI Young Researchers Prize

Jury: Carlos R. Azzoni, Laurie Schintler, Michael Carroll, Peter Batey, Sumana Bandyopadhyay

Arianne Dumayas

- 1153 Comparison of the Performance of SEZ in the Philippines

Binay Krishna Pal

- 1292 Public Space of Kolkata: An Evolutionary History

Sandip Mondal

- 1551 Availability of Basic amenities in Census Town and Statutory Town: A study on West Bengal, India

Ratrita Pal

- 1612 Socio-spatial understanding of inter-relationships between Crime Space and Gender: An analysis of murders in Kolkata



Semi Plenary Session

Regional Science Policy and Practice (RSPP)

SEMI PLENARY SESSION

11:00-12:30

Thu_ Lecture theatres A3

Chair: Peter Nijkamp, Free University in Amsterdam, the Netherlands

Keynote Presentation

Attraction, repulsion and gravity fields: from Alfred Weber to an Urban Metric System

Luc-Normand Tellier, Professor Emeritus in spatial economics of the University of Quebec at Montreal.



Parallel Sessions (5)

REGULAR SESSION

11:00-12:30

Thu_(5)_Room A501

RS03.4. Environmental Issues

Chair: Lakpa Tamang

Shubhabrata Basu

- 1392 UDAY for State Discoms: The Wicked Problem, Solutions

Engila Mishra Maharjan

- 1451 Climate Change Adaptation Planning by Integrating GIS based Scientific Information with Local Perceptions

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- Md Rahman**, Mujibor Rahman
1747 Indexing Community Vulnerability of Climate Change Influenced on Southwestern Region, Bangladesh
- Helmut Yabar**, Yoshiro Higano, Takeshi Mizunoya
1764 Promoting the Diffusion of Environmental Innovations across Developing Nations: The Impact of Innovative and Absorptive Capabilities

REGULAR SESSION

11:00-12:30

Thu_(5)_Room A502

RS06.4. Location of Economic Activity

Chair: **Tamás Vinkóczy**

- Tamás Vinkóczy**
1593 Territorial features of financial institutions in Hungary
- Lalitha N, **Madhusudan Bandi**
1600 Location Based Agricultural Products and Economic Challenges: A Case Study of Bhalia Wheat in Gujarat
- Veronika Poreisz**
1615 Measuring the Connection between Cities' and Companies' Competitiveness - a Hungarian Case Study
- Renjith R**, Nadia Doytch, Subash S.
1735 Foreign Direct Investment and Industrial Agglomeration: Evidence from India

REGULAR SESSION

11:00-12:30

Thu_(5)_Room A503

RS07.1. Methods in Regional Science and Urban Economics

Chair: **Hiroshi Sakamoto**

- Hiroshi Sakamoto**
1086 Industrial Structural Changes and Regional Spillover Effects: Using the Interregional Input-Output Table in Japan
- Peter Stenberg**
1196 Satellite and Wireless Internet Service in Lieu of Wired Rural Internet Service
- Takeshi Mizunoya**, Noriko Nozaki, Rajeev Kumar Singh, Mina Yamagishi, Helmut Yabar, Yoshiro Higano
1767 A Study on Integrated Watershed Management Based on the Expanded I-O Analysis; A Case of Public Water Body in Kanto Region, Japan

REGULAR SESSION

11:00-12:30

Thu_(5)_Room A504

RS08.4. Migration and Labor Markets

Chair: **Santanu Ghosh**

- Durga Kuity**, Dipak Maity
1106 Evolution of Labour Market and Migration in Naya Village(Patua), Paschim Medinipur, West Bengal
- Nicolaas Geyer, **Hermanus Geyer**
1217 Migration Significance in the Differential Urbanisation Model
- Durba Chakrabarty**
1265 Population Growth in India: Does Proximity to Urban Hierarchy Matters
- Maria Valiñas Varela**, Christopher Sanchez Resendiz, Francisco Gemalli Muñoz Guerrero
1276 Migration, walls and imaginaries. Mexico, global country of passage

REGULAR SESSION

11:00-12:30

Thu_(5)_Room A505

RS10.4. Regional and Urban Policy and Governance

Chair: **Sarbeswar Praharaj**

- Sarbeswar Praharaj**
1539 City Anatomy – A planning decision-support dashboard for Smart Cities in India
- János Rechnitzer, **Judit Berkes**
1592 Changes in the spatial structure of Central Eastern Europe

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- 1688 **Naveen Krishna Alla**, Arnab Jana, Rathin Biswas
Spatial & Temporal Assessment of Access to Healthcare Facilities in Mumbai: K-West Ward
- 1784 **Babitha Vishwanath**, Debasis Patnaik, N. Laxmi
Government of India's Role and Responsibility in CSR Implementation

REGULAR SESSION

11:00-12:30

Thu_(5)_Room A506

RS14.2. Spatial Planning

Chair: **Utpal Roy**

- Md. Islam**
1556 Urban Planning in Bangladesh: Issues and Challenges
- Riyanka Chatterjee**, Sumana Bandyopadhyay, Anwesha Haldar
1565 Rejuvenating an Abandoned Town: The Case of Dhanuskodi Island, India
- Subodh Mishra**
1648 Impact of Urban Centres on Regional Development: A Case Study of Uttar Pradesh
- Jan Wolf**, João Marques, Eduardo Castro
1728 Planning school networks in declining territories: an analysis at the local scale

SPECIAL SESSION

11:00-12:30

Thu_(5)_Room A507

SS02.4. Smart Cities Initiatives for the 21st Century: Myth or Reality

Chair: **Vijay Pandey**

- Seshaiah Manasi**
1571 Smart Initiatives for Smart Living - showcasing Bengaluru's experiences
- Tamas Dusek**
1618 The motivations of Smart City projects
- Angela Sarafian**, Saniya Singh
1665 A Comparative Analysis of the Smart Cities Projects in India and China

SPECIAL SESSION

11:00-12:30

Thu_(5)_Room A508

SS04.1. Spatial Econometric Interaction Modelling

Chair: **Manfred M. Fischer**

- James P. Lesage, **Manfred M. Fischer**
1019 Cross-sectional dependence model specifications in a static trade panel data setting
- Manfred Fischer, **Tamás Krisztin**
1021 The gravity model for international trade: Specifications and estimation issues
- Rodolfo Metulini, **Roberto Patuelli**, Daniel Griffith
1023 A Spatial-Filtering Zero-Inflated Approach to the Estimation of the Gravity Model of Trade
- Rudra Pradhan**, Rana P Maradana, Kunal Gaurav, Dayal S Prasad
1044 How Does Economic Growth Affect Venture Capital Investment: Evidence from Dynamic Panel Data Estimates

SPECIAL SESSION

11:00-12:30

Thu_(5)_Room A601

SS12.2. Transforming Metropolitan Regions: Ideas and Examples

Chair: **Amit Chatterjee**

- Ayse Tugba Sengil**
1573 Ottoman urban policies: Istanbul example
- Aratrika Mukherjee**, Abul Kalam Anwaruzzaman
1678 Estimation of selected components of congestion cost along selected stretch of road in Kolkata Municipal Corporation

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Prashanti Rao

1053 Spatial and Economic Challenges of Newly Formed Capital Region: A Case of Andhra Pradesh Capital Region

SPECIAL SESSION

11:00-12:30

Thu_(5)_Room A602

SS13.1. Citizenry and Regional Planning

Chair: Subhra Chattopadhyay

Farhana Khatoon

1115 Intergenerational Transmission of Industry of Employment among Religious Communities in Urban India

A.K.M. Mahmudul Haque

1137 Non-Western Alternative Strategy for Popular Participation in Environmental Governance Process of Bangladesh

Snigdha Giri

1180 Citizenry and irrigation management: a case study of two watersheds of West Bengal

Anindita Mukherjee

1204 The State Determined Growth Center and Vacuum in Regional Development: A Study of of Uluberia Industrial Growth Center, Howrah, West Bengal, India.

SPECIAL SESSION

11:00-12:30

Thu_(5)_Room A603

SS11.4. The Future of Leisure: Tourism, Mobility and Transportation

Chair: Peter Nijkamp

Hideki Fukui, Koki Nagata

1632 Do bumped passengers exhibit loss aversion? Evidence from the US airline industry

Muhammed Paköz, Adem Sakarya

1644 Spatial accessibility to airports in turkey: evaluating the changes over time

Marie Delaplace

1355 High-speed rail in developing countries: Which use in terms of tourism mobility?

Jamie M. Chen, James F. Petrick, Kelly MacKay, **Peter Nijkamp**

1757 Modelling the Effects of Port Destinations' Electronic Word of Mouth on Cruise Lines' Itinerary Planning Using Social Media Data

SPECIAL SESSION

11:00-12:30

Thu_(5)_Room A604

SS08.1. Metropolitan Governance in a conflict, competition and cooperation contexts

Chair: Jorge Gonçalves

Jorge Gonçalves

1024 Long Cycle Planning as a tool for the resilience of the territories: The case of education sector in Cascais, Portugal

Ravinder Dhiman, Pradip Kalbar, Arun B. Inamdar

1371 Development of Decision Support for Spatial Environmental Planning of Urban Coastal Areas

Sarani Khatua

1073 Multiplicity of a Metropolis: A Case Study of Kolkata Metropolitan Area.

Maria da Graca Moreira, José Crespo, Ana Rita Queirós

1589 Participatory Budget a tool of Urban Policy

SPECIAL SESSION

11:00-12:30

Thu_(5)_Room A605

SS20.2. Gender and Social Justice

Chair: Saraswati Raju

Monali Ajeet

1412 Women's Access to Higher Education in India: An Analysis of Distribution and Quality

Richa Singh

1491 Gender and Informal Sector: A Study of Women Street Vendors

Kana Biswas

1504 Female street vendors: a case study from west Bengal

SPECIAL SESSION

11:00-12:30

Thu_(5)_Room C401

SS21.2. Innovation and Entrepreneurship

Chair: Rudra P. Pradhan

Adem Sakarya, Yiğit Evren

1713 Supply networks in the automotive industry revisited: How do multiple clusters in Turkey react to rivet effects?

Maria João Delgado, Gianni Montagna, Cristina Carvalho

1726 Textiles as a tool for social identification

Gianni Montagna, Maria Joao Delgado, Heloisa Albuquerque

1727 New Craft and traditional textiles

Akos Orszagh, Dávid Nagy

1741 Model change of the Hungarian higher education

SPECIAL SESSION

11:00-12:30

Thu_(5)_Room C402

SS18.4. Natural and Man-Made Disaster Management

Chair: Manas Chatterji

Avinash Ranjan

1621 Impact of coal fired thermal power plant on the drinking water quality of anpara, sonbhadra, uttar pradesh, India

Pradip Patra, Lakshminarayan Satpati

1652 Monitoring of Agricultural Drought using Precipitation and Vegetation Indices- A Study in the South-western part of West Bengal

Sanjukta Bhaduri

1661 Risk sensitive land use models for disaster resilient urban development

YOUNG RESEARCHERS PRIZE

11:00-12:30

Thu_(5)_Room C404

PY.4. RSAI Young Researchers Prize

Jury: Carlos R. Azzoni, Laurie Schintler, Michael Carroll, Peter Batey, Sumana Bandyopadhyay

Anthony Howell

1013 Direct and Spillover Effects of Targeted Cash Transfers on Ethnic Rural-Urban Migration in China

Yusuf Sofiyandi

1351 The Effect of Residential Location and Housing Unit Characteristics on Labor Force Participation of Childbearing Women in Indonesia: Using Twin Births as a Quasi-natural Experiment

Raya Das

1595 Low Repayment Capacity and High Indebtedness among Agricultural Households in India: Sustainability of the Sector as a Source of Livelihood

Dipsita Dhar

1602 Migration and Labour Market: A continued case of Occupational Segregation and Caste Dominance



LUNCH | 12:30-14:00

Main Schools of Regional Science

MAIN SCHOOLS SESSION

14:00-15:30

Thu_Lecture theatres A3

Discussions about nature of Regional Science Academic Programs around the world

Chair: Roger R. Stough, George Mason University, Schar School of Policy and Government

Presenters and Programs

Henri de Groot, Department of Spatial Economics, Free University of Amsterdam, Netherlands

Vicente Royuela Mora, Department of Economics, University of Barcelona, Spain

Jouke van Dijk, Regional Science Program, Rijks University of Groningen, Netherlands

Eduardo Haddad, Department of Economics, University of Sao Paulo, Brazil

Helmut Yabar and **Takeshi Mizunoya**, Japan Section of the Regional Science Association International, University of Tsukuba, Japan

Andrés Rodríguez-Pose, London School of Economics and Political Science, UK

Kieran Donaghy, Cornell University College of Architecture, Art, and Planning, USA



Semi Plenary Session

Inclusive City Planning

SEMI PLENARY SESSION

16:00-18:00

Thu_Lecture theatres A3

Chair: Amitabh Kundu, Distinguished Fellow at the Research and Information System for Developing Countries, Regional Advisor on Poverty-EDID, UN ESCWA, India

Keynote Presentations

P. Jayapal, Executive Director of HUDCO, India

Banasree Banerjee, Urban Planner and Professor, IHS Erasmus University Rotterdam

M. Satish Kumar, Director Internationalisation, Queens University, Belfast and Faculty



Parallel Sessions (6)

REGULAR SESSION

16:00-17:30

Thu_(6)_Room A501

RS03.5. Environmental Issues

Chair: Peter Batey

Peter Batey

- 1014 How can cross-sector partnerships be made to work successfully? Lessons from the Mersey Basin Campaign, 1985-2010

Manuel C. Teixeira

- 1239 The Squares of Old Goa

Katsuhiko Sakurai, Hiroyuki Shibusawa

- 1712 Demand and Circulation Analysis of Fishery Resources as Food in Japan

Sebastiao Anthony Rodrigues

- 1116 Good fishing, bad governance: lessons of transformations from coastal Goa

REGULAR SESSION

16:00-17:30

Thu_(6)_Room A502

RS06.5. Location of Economic Activity

Chair: Virginia Ibarvo Urista

Virginia Ibarvo Urista, Gil Arturo Quijano Veja, Rosalía Sanchez Basualdo, Gaspar Alonso Jiménez Rentería

- 1496 Social Innovation as a Model of Entrepreneurship in Communities in Poverty Situation

Parashram Jakappa Patil, Debasis Patnaik

- 1550 Forest Accounting Regional Sustainability

R. Jayarprakash Reddy, **Babitha Vishwanath**

- 1756 Contribution and challenges of MSMEs in India

REGULAR SESSION

16:00-17:30

Thu_(6)_Room A503

RS07.2. Methods in Regional Science and Urban Economics

Chair: Alistair Smith

Jon Stenning, Hector Pollitt, **Alistair Smith**, Unnada Chewpreecha

- 1243 Introduction to the E3-India model. E3-India Special Session

Tania Debnath

- 1427 Informal work and their workplaces: Spatially segmented labour market for slum dwellers in Kolkata

Saket Sarraf, Maithili Iyer

- 1625 Energy, emissions and economy wide impacts of coupled energy efficiency and renewable energy measures

Tomás Dentinho, Mário Fortuna

- 1769 The Impact Credit, Public Support and Exports on Regional Growth. The Case of the Azores

REGULAR SESSION

16:00-17:30

Thu_(6)_Room A504

RS12.1. Rural Development

Chair: Rajib Lal Deb Barma

Rajib Lal Deb Barma, Sapatarshi Mitra

- 1142 An Impact Evaluation of Indira Awaas Yojana (IAY) Programme induced Transformation of Rural Dwelling Attributes under South Tripura District, Tripura

Shanu Priya

- 1152 Rural non-farm economy

Mujaheed Shaikh, Simone Ghislandi

- 1536 Child Malnutrition in Uganda: Regional disparities and socio-economic inequalities

PROGRAM | 12th World Congress of the RSAI

Shatabdi Saha

1559 Migration Induced Feminization of Agriculture in Selected areas of Indian Sundarbans

REGULAR SESSION

16:00-17:30

Thu_(6)_Room A505

RS13.1. Social Integration

Chair: Md Bari

Md Bari

1194 Study on the barriers and challenges facing the most vulnerable people including ethnic minorities to access ssnp in Bangladesh

Gilberto Mahumane, Peter Mulder

1195 Spatial patterns of household energy poverty dynamics in Mozambique, 2002-2015.

Rosidin Isfandiarni, Peter Mulder, Henri De Groot

1268 A Spatial Perspective on Income Inequality Dynamics in Decentralizing Indonesia

Alba Nogueira-López

1315 Sharing economy, housing rights and sustainable development

REGULAR SESSION

16:00-17:30

Thu_(6)_Room A506

RS16.1. Tourism

Chair: Siddhartha Rastogi

Siddhartha Rastogi, Ajay Sharma

1417 On the spatial aspects of domestic tourism in India: role of language, cultural and regional dependence

Carlos Marques, Carmem Leal

1440 Tourism beliefs, conservation preferences, and support for tourism development in an emergent rural destination

Maria Da Graca Moreira

1590 Sustainable Tourism an approach through rural-urban dichotomy

Utpal Sharma, Peeyush Purohit

1796 Issues & Approach for Preparation of Tourism Master Plan for Varkala and its Surrounding 7 panchayat area in Thiruvananthapuram, Kerala

SPECIAL SESSION

16:00-17:30

Thu_(6)_Room A507

SS01.1. Water management in South Asia: From conflict to cooperation

Chair: Paulo Casaca

Sonal Tiwari, Nikhil R Mandal, Kakoli Saha

1004 Monitoring impact of land use & land cover change in livelihood zones along the Narmada River Riparian Buffer Zone, Madhya Pradesh, India

Ashish Chhetri, Lakpa Tamang

1040 Accessibility Conflicts and Disparities in the Urban water security of the Darjeeling town in Eastern Himalayas, India

Neha Singh, Neeraj Mishra

1082 Industrialization of Rivers: A sacred and profane approach

Kaustuv Raj Neupane, **Suchita Shrestha**

1085 The role of Social Movement for equitable water access in Urban, Case from Dharan and Dhulikhel of Nepal

SPECIAL SESSION

16:00-17:30

Thu_(6)_Room A508

SS04.2. Spatial Econometric Interaction Modelling

Chair: Petra Staufer-Steinnocher

PROGRAM | 12th World Congress of the RSAI

- Rudra Pradhan**, Ajoy K, Ashim Sabat
1148 Innovation, ICT Infrastructure and Economic Growth: The Causal Nexus in G-20 Countries
- David Martin-Barroso, Jacobo Nuñez, Juan Andres Nuñez, **Francisco Velazquez**
1384 Is the price of Spanish wine in Hong Kong the same as in Washington? Geographical differences on consumer preferences and reputation
- David Martin-Barroso**, Juan Andres Nuñez, Francisco Velazquez
1388 Productivity, accessibility and firm heterogeneity

SPECIAL SESSION

16:00-17:30

Thu_(6)_Room A601

SS12.3. Transforming Metropolitan Regions: Ideas and Examples

Chair: **Amit Chatterjee**

- Paulo Pinho**, Cecília Silva, Frederico Moura e Sá
1684 The primacy of the territory in transport demand modeling
- Yuri Mansury**
1743 The Life and Death of Cities in a Spatial Model with Heterogeneous Agents
- Carlos Almeida Marques**, Cisbelia Cevadinha
1770 The City Body and Metamorphoses of Architecture and Urbanism

SPECIAL SESSION

16:00-17:30

Thu_(6)_Room A602

SS13.2. Citizenry and Regional Planning

Chair: **Subhra Chattopadhyay**

- Kahini Ojha**, Aritra Chakraborty
1254 Role of the community residing in New Town in the planning and developmental processes taking place in the township
- Anindya Basu**
1278 Citizenry and Governance: A Gendered Perspective In Kolkata Municipal Corporation Area
- Suparna Sarkar**
1296 Assessing the differential impact of microcredit programmes under self help group model (SHG) and non-banking finance company model (NBFC)
- Hiroari Shimizu**, Quirino Crosta, Micaela Merucuri, Ryoya Tomeno, Satoru Ono, Hidehiko Kanegae, Paola Rizzi
1307 A Study on Effect on Quality of Life by "Information Mismatch" among Residents and Public Sector after an Earthquake in Historic Cities – Case study in L'Aquila Italy

SPECIAL SESSION

16:00-17:30

Thu_(6)_Room A603

SS11.5. The Future of Leisure: Tourism, Mobility and Transportation

Chair: **João Romão**

- Md Arifur Rahman**
1285 Perception of Native Japanese to Promote Halal Food Business in Japan, A Case Study on Kusatsu City, Shiga Prefecture
- Cansu Ilhan**, Ebru Kerimoglu
1030 Gastronomy: Would it be a local economic development tool in Turkey?
- Güliz Salihoğlu, **Ferhan Gezici**
1326 Food supply network in a tourism region

SPECIAL SESSION

16:00-17:30

Thu_(6)_Room A604

SS08.2. Metropolitan Governance in a conflict, competition and cooperation contexts

Chair: **Jorge Gonçalves**

PROGRAM | 12th World Congress of the RSAI

Maria da Fonte, Filipa Serpa, João Santos

- 1561 Unlocking the private-led housing projects in Lisbon's suburbia - a typological survey of everyday's residential landscape

Namesh Killemssetty

- 1510 Is housing for all indeed for 'all'? A Critique of the 'Housing for All' Policy

Takahisa Yokoi

- 1380 Empirical study of the effect of floor-area-ratio regulation in Japan

Maria da Fonte

- 1567 From the cities to the 'new centralities' in Angola: Interconnection between urban spaces

SPECIAL SESSION

16:00-17:30

Thu_(6)_Room A605

SS20.3. Gender and Social Justice

Chair: Saraswati Raju

Brij Maharaj, Kemantha Gounder

- 1674 Xenophobic Violence, Trauma, Displacement and Reintegration: A case study of Female Migrants in Isipingo, Durban, South Africa

Soumi Chatterjee

- 1686 Women's Right and Control over Agricultural Land in Rural India: A Case Study of Subhipur Village, District Hooghly

Shivangi Singh Parmar, Arkopal Kishore Goswami, Joy Sen

- 1695 Role of Traditional knowledge-based industries for inclusive development of region: Case of West Mithila region, Bihar, India

SPECIAL SESSION

16:00-17:30

Thu_(6)_Room C401

SS19.3. Globalization and Regional Science

Chair: Manas Chatterji

Jason D. Wright

- 1261 Representation of Socio-Economic Class in the Massachusetts Legislature

Kimlong Chheng, **Budy Resosudarmo**

- 1275 Agricultural land property rights and household food insecurity in rural Cambodia

Maria Valiñas Varela

- 1294 Gentrification, socio-cultural and economic aspects in the historic center of the city of Mexico

Touria Abdelkader-Benmesaud Conde, Fernando Barreiro-Pereira

- 1304 Energy and Emissions Conflicts in a Globalized World: The Asian Case Study

SPECIAL SESSION

16:00-17:30

Thu_(6)_Room C402

SS18.5. Natural and Man-Made Disaster Management

Chair: Sayantan Das

Sayantan Das, Sunando Bandyopadhyay

- 1697 An extreme event on the Upper Ganga Delta: A case study of 2000 flood in West Bengal, India

Rupak Jha

- 1703 Regional development and adaptation to floods: an empirical assessment of generic and State's employed disaster specific measures in the flood affected districts of Bihar, India

Rupak Jha

- 1721 Assessing social vulnerability to floods in Bihar, India

PY.5. RSAI Young Researchers Prize

Jury: Carlos R. Azzoni, Laurie Schintler, Michael Carroll, Peter Batey, Sumana Bandyopadhyay

Vijay Pandey

1093 A critical perspective of smart cities initiative in India: inventory and prospects

James Herndon

1264 And Yet It Moves: Price Behavior in Urban Pakistan

Sanchari Mukhopadhyay

1287 Urban Poor at the Margin of the Capital City of New Delhi, India: Negotiating Marginalities and the Struggle for Urban Identities

Sujayita Bhattacharjee

1333 Bridging the East-West Divide? Reflections on 'Mulund' as a divided suburb of Mumbai

Friday, 1 June 2018

Parallel Sessions (7)

REGULAR SESSION

09:00-10:30

Fri_(7)_Room A501

RS03.6. Environmental Issues

Chair: Abdellatif Khattabi

Dipak Kumar Maity, Durga P. Kuity

1107 Domestic Water Tax: A Study to Control Misuse of Water, Pingla Block, Paschim Medinipur, W.B.

Krishan Yadav, Kumud Dhanwantri

1404 Challenges, Responses and Governance in Conservation of Forest and Wildlife: A Case of Aravali Ranges, Delhi NCR

Shashi Lata, Sanath Shetty, Debasis Patnaik

1792 Economic Character of Data Gaps in the Illness Studies of Dementia

Abdellatif Khattabi, Kwadwo Kyenkyehenekusi

1795 Prospective impact of land cover change on the provision of three ecosystem services in Ourika watershed, High-Atlas Mountains of Morocco

REGULAR SESSION

09:00-10:30

Fri_(7)_Room A502

RS09.1. Real Estate and Housing

Chair: Matt Gnagey

Matt Gnagey, Ryan Tans

1144 Development Premiums and Property Markets in Indonesia

Like Jiang, Alex Hagen-Zanker, Prashant Kumar

1228 Equity in job accessibility and environmental quality in a segmented housing market: The case of Greater London

Sayantani Sarkar, Arnab Jana

1319 Middle income housing issues in India with special focus on new towns

REGULAR SESSION

09:00-10:30

Fri_(7)_Room A503

RS07.3. Methods in Regional Science and Urban Economics

Chair: Emanuele Felice

Emanuele Felice

1022 The roots of a dual equilibrium: GDP, productivity and structural change in the Italian regions in the long-run

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(1871-2011)

- Chairullah Amin**, Muhammad Nurdin, Amran Husein, Muhammad Hasnin, Wahab Hasyim
1026 Forecasting of Unemployment in Indonesia
- André Chagas**, Júlia Uhr, Daniel Uhr
1036 A study on environmental violations for Brazilian municipalities: a limited information maximum likelihood approach to spatial dynamic panel
- Carlos Azzoni**
1048 Career paths and wages in different city sizes

REGULAR SESSION

09:00-10:30

Fri_(7)_Room A504

RS12.2. Rural Development

Chair: **M. Mizanur Sarker**

- M. Mizanur Sarker**, Hidetoshi Yamashita
1133 Effectiveness of Holistic Development Approach on Sanitation Improvement and Women Empowerment of Self Help Group: Evidence from Panel Data
- Bhaswati Ray**
1572 Empowering stakeholders for improved water governance: a study of West Bengal, India
- Dhirendra Das**, Saptarshi Mitra
1647 Empowerment of poor rural tribal women through self- help groups: an appraisal of mandwi rural development block, Tripura, India
- Biswajit Sarker**, Dhirendra Das, Saptarshi Mitra
1649 Participation of tribal women in self help groups for their socio-economic development and women empowerment in hezamara r.d.block of west Tripura district: a geographical analysis

REGULAR SESSION

09:00-10:30

Fri_(7)_Room A505

RS13.2. Social Integration

Chair: **Tejaswita Duarah**

- Tejaswita Duarah**
1166 Integrating Women through Self Help Groups in Rural Areas of Assam
- Dipu Biswas**, Badsha Sarkar
1369 Urbanization and female workforce participation relationships in India
- Tanima Bhattacharya**, Joy Sen
1635 Earmarking/ Identify parameters of judgement for enhancing livability of urban spaces in city regions
- Ana Moreira da Silva**
1715 Social Integration and Sustainable Regional Development through Design

SPECIAL SESSION

09:00-10:30

Fri_(7)_Room A507

SS01.2. Water management in South Asia: From conflict to cooperation

Chair: **Paulo Casaca**

- Dhanasree Jayaram**
1101 Water Sharing between India and Pakistan: An Opportunity for Cooperation and Peace-building
- Nora Babalová**
1221 Revisiting transboundary water management in South Asia: the Brahmaputra case
- Sai V. Sreepada**, Subhrangsu Goswami
1289 Redefining Access to Water: Case of Slum Dwellers of Hyderabad
- Md Islam**, Muhammad Ali Oakkas, Muhammed Alauddin Al-Agad
1301 Fishermen in Wetland Region of Bangladesh: Views from the Field Experiences of Hakaluki Haor

SPECIAL SESSION

09:00-10:30

Fri_(7)_Room A508

SS04.3. Spatial Econometric Interaction Modelling

Chair: Yee Leung

- 1555 Tomasz Kossowski, **Justyna Wilk**
Developing a spatial association measure for symbolic data
- 1578 **Petra Staufer-Steinnocher**, Michael Pfaffhoffer, Florian Huber, Manfred Fischer
The dynamic impact of macroeconomic aggregates on regional housing prices in the US: Evidence based on factor-augmented vector autoregressions
- 1682 **Fabio Mazzola**, Pietro Pizzuto, Davide Furceri
The effect of monetary and policy shocks on regional disparities

SPECIAL SESSION

09:00-10:30

Fri_(7)_Room A601

SS10.3. Rural Transformation

Chair: Henk Folmer

- 1422 **Ballari Bagchi**
Sustainability of Rurban Settlements in an Urbanizing Milieu: A probe into selected parts of Haora District, West Bengal
- 1475 **Ravinder Kaur**
Rural Land Transformation around a Planned City: Some Issues and Policy Concerns (A Case Study of Chandigarh Periphery)
- 1480 **Ahana Sarkar**, Ronita Bardhan
An expert system framework for holistic development of Rurban clusters in India: Case of tribal Orissa
- 1569 **Soumya Vinayan**, N. Lalitha
Geography and Crafts: Geographical Indications from South India

SPECIAL SESSION

09:00-10:30

Fri_(7)_Room A602

SS13.3. Citizenry and Regional Planning

Chair: Subhra Chattopadhyay

- 1367 **Tanusree Mridha**
Role of Local Self- Government in Water Resource Management of Rural West Bengal- a Case study from Sundarbans
- 1391 **David Martin-Barroso**, Juan Andres Nuñez, Francisco Velazquez
Are workers' commuting sensible to changes in the socioeconomic scenario?
- 1424 **Sk Akher**, Subhra Chattopadhyay
Assessing the Role of Brick Industry on Changing River Morphology in the Lower Ganga Delta area of West Bengal, India and its Regional Impact.
- 1509 **Margarida Gamito**, Joana Sousa
Urban furniture chromatic planning as an inclusive factor for urban spaces

SPECIAL SESSION

09:00-10:30

Fri_(7)_Room A603

SS24.1. Regional Issues in Economic growth and Development

Chair: Debasis Patnaik

- 1777 **Aswini Mishra**, Vedant Bhardwaj
Why Wealth Inequality Matters? Evidence from India
- 1778 **Sudatta Banerjee**, Saumen Bhattacharjee, Debasis Patnaik
Effect of Quality Composition of Human Capital on Economic Growth. A study of the Indian states
- 1779 Vatsal, Varun Yeligar, Pratyush, Shreesh Adit Vinay Deshmukh, Rohan James, **Debasis Patnaik**
Development and growth drivers in Latin American countries-violence impacts employment and HDI – possible

SPECIAL SESSION

09:00-10:30

Fri_(7)_Room A604

SS08.3. Metropolitan Governance in a conflict, competition and cooperation contexts

Chair: Jorge Gonçalves

Kajri Sengupta

1249 Bhists of Kolkata-A Vanishing Tribe

Sandipta Das, Dasaratha P Angadi

1733 Statistical Relationship between Land Surface Temperature (LST) and Vegetation Index (NDVI) using Multi-Temporal Landsat TM Data- A case study on North Twenty four Parganas, West Bengal

Jayati Das

1331 Asthma Predictability Index among children of atopic parents living in and around Kolkata metropolis and its correlation with various air pollution indices

Arpan Paul, Joy Sen

1117 Livability Cluster Development for assessing Regional Competitiveness, -a case of Kolkata Metropolitan Area (KMA)

SPECIAL SESSION

09:00-10:30

Fri_(7)_Room A605

SS15.1. Conflict, Migration, and Diaspora

Chair: Manas Chatterji

Alberto Hidalgo-Escudero, David Martín-Barroso, **Francisco J. Velázquez**

1385 Political instability and Tourism. The case of Arab Spring

Manish Sharma, Vinod Sharma

1398 Migration among the tribal groups of Arunachal Pradesh

Utpal Roy, Meghna Maiti, Pronita Roy

1473 Linking Living through Time and Space: Study on Newly Settled Residential Unit in Sonarpur-Rajpur Municipality, Kolkata

Thanabalasingam Vinayagathan

1523 Does Unemployment Cause Migration: The Evidence from Sri Lanka

SPECIAL SESSION

09:00-10:30

Fri_(7)_Room C401

SS19.4. Globalization and Regional Science

Chair: Satish Kumar

Kazi Hifajat, Manasi De

1324 Assessment of the Changing Vegetation and Probable Consequences on the Environment of Bardhaman District, West Bengal during the Period of 1990-2017

Suminori Tokunaga, Maria Ikegawa

1360 Empirical Analysis of Location Choice for Japanese MNFS in East Asia: the cases of Electronics and Automotive Automobile Industries

Prakriti Priya

1406 Socio-economic deprivations in North East Indian States

Anne Otto

1535 Adequate employment and mobility of doctoral graduates in Germany

SPECIAL SESSION

09:00-10:30

Fri_(7)_Room C402

SS15.3. Conflict, Migration, and Diaspora

Chair: Anette Haas

PROGRAM | 12th World Congress of the RSAI

- Anette Haas**, Kerstin Tanis
1541 The Effect of Immigrants' Spatial Concentration on their Labor Market Performance - Evidence from EU immigrants living in Germany
- Kajal Mandal**, K. Dharanirajan
1598 The environmental migration of Andaman Islands
- Sayan Dutta**, Nayan Roy
1605 Bengali Migrants in Majuli: Nature, Trends and Cultural Assimilation
- Priya Wadini**
1634 A study on the rehabilitation and resettlement process of jirda in underground fire and subsidence affected areas of Jharia, Jharkhand, India



Coffee Break | 10:30-11:00

Round Table

Social and Spatial Integration and Global Citizenship

ROUND TABLE

11:00-12:30

Fri_Lecture theatres A3

Chair: Andrés Rodríguez Pose, London School of Economics, UK

Keynote Presentations

Ethnic Diversities and Social Integration in India

Abdul Shaban, Tata Institute of Social Sciences, India

Gender Justice, Inclusive Policies

Saraswati Raju, Jawaharlal Nehru University, India

Anindita Dutta, University of Delhi, India

Armida Alisjahbana, Padjadjaran University, Indonesia



LUNCH | 12:30-14:00

Parallel Sessions (8)

REGULAR SESSION

14:00-15:30

Fri_(8)_Room A501

RS03.7. Environmental Issues

Chair: Biraj Kanti Mondal

Biraj Kanti Mondal

- 1339 Spatial analysis of sustainability of east Kolkata wetland

Debdip Bhattacharjee, Sukla Hazra

- 1497 The Role of Urban Momentum in Urban Transformation of North 24 Parganas district, West Bengal, India

Pritam Paul

- 1574 Residents Perception, Practices and Attitude towards Solid Waste Management in the City of Krishnanagar

Bappaditya Biswas

- 1739 Urban Ecological Crisis in a Himalayan Town: A Case Study of Mirik, West Bengal, India

REGULAR SESSION

14:00-15:30

Fri_(8)_Room A502

RS09.2. Real Estate and Housing

Chair: Awanti Acharya

Awanti Acharya

- 1363 Determining the impact of 'curb appeal' on the price of single-family homes using google street view and spatial hedonic regression

Filipa Serpa

- 1500 What projects for an urban integration? Urban models and architectural projects on rehousing programs in Portugal

João Marques, Jan Wolf, Monique Borges

- 1720 Driving forces of urban transformation - a DSS prototype

REGULAR SESSION

14:00-15:30

Fri_(8)_Room A503

RS02.1. Cooperation and Development

Chair: Sampurna Goswami

Sampurna Goswami

- 1474 Development Without, Development within: Regionalism as the Key to Sustainability and Inclusiveness in South Asia

Nariyasu Yamasawa

- 1562 Comparison of the Potential Competitiveness of Asian Countries

Fernando Moreira da Silva, Juliana Cardoso Braga

- 1750 Waste of wooden furnishing industry: strategies to implement sustainability and social responsibility – the case study of the joineries in Uberlândia, Brazil

REGULAR SESSION

14:00-15:30

Fri_(8)_Room A504

RS12.3. Rural Development

Chair: A. K. M. Anwaruzzaman

Shweta Ranade, Dipti Mukherji

- 1584 Spatial Significance of Markets for Rural Development: An Intra- District Study of Sangli

Shakti Pada Mandal, Krishnendu Gupta

- 1701 Water and Agriculture Relationship for Rural Planning in Simlapal Block of Bankura District

Anupama Rawat, Tanima Dutta

- 1744 Neo liberalization and the distressed state of Rural and Agricultural Finance in India:

REGULAR SESSION

14:00-15:30

Fri_(8)_Room A505

RS13.3. Social Integration

Chair: Michael Carroll

- Michael Carroll**, Neil Reid, Steven Nelson
1192 How Place Branding Creates and Benefits from Social Capital
- Shammy Islam**
1655 Social Integration of the Uthulis and Chukanis into the Charland Communities in Bangladesh
- Partha Saha**
1786 Knowledge discovery based interactive decision support system for identifying associations among childhood healthcare interventions and health system building blocks
- Sukumar Vellakkal**
1787 A quasi-experimental case study of estimating the effects of program design and implementation aspects on program outcomes in National Health Mission

SPECIAL SESSION

14:00-15:30

Fri_(8)_Room A507

SS01.3. Water management in South Asia: From conflict to cooperation

Chair: Paulo Casaca

- Paulo Casaca**
1305 Strategic Alternatives to Life Threatening Salts
- Gauri Noolkar-Oak**
1499 Geopolitics of Water Conflicts in the Teesta River Basin
- Honey Jalali**, Sanjukta Bhaduri
1641 Spatial E-Governance for Conservation of Water Bodies and their Catchments in Settlements of India

SPECIAL SESSION

14:00-15:30

Fri_(8)_Room A508

SS05.1. Spatial Analysis: From Neural Computing to Deep Learning

Chair: Yee Leung

- Yee Leung**
1032 The Machine Learning Approach to the analysis of Image-Based Spatial Flow Data
- Jinfeng Wang**
1035 Spatial Stratified Heterogeneity in Regional Science: Challenge and Solution
- Laurie A. Schintler**, Rajendra Kulkarni
1266 Modeling Spatial Association and Interaction using Deep Convolutional Neural Networks (CNNs)

SPECIAL SESSION

14:00-15:30

Fri_(8)_Room A601

SS10.4. Rural Transformation

Chair: Subrata Dutta

- Dipika Basu**, Arun Kumar Nandi, Sulata Hembrem, Partha Pratim Roy, Uttam Haldar
1585 Rural transformation through innovation, adaptation, and market integration in Indian horticulture: an empirical study with focus on west Bengal
- Melody Muldrow**, Malcolm Glover
1630 Economic Growth beyond Borders: An Analysis of Rural Transformation from Villages in Uganda to the Black Belt in the United States
- Tandra Mondal**
1646 Farming Tools and Practices among Small and Marginal Holdings

SPECIAL SESSION

14:00-15:30

Fri_(8)_Room A602

SS13.4. Citizenry and Regional Planning

Chair: **Subhra Chattopadhyay**

- Md. Mahmud**, Abdullah Abusyed Khan
1543 Socio-political Identity Construction of Indigenous Community in Bangladesh
- Eszter Szemerédi**
1587 The role of complementary currencies in territorial development
- Amjed Mondal**, Abul Kalam Anwaruzzaman
1664 Regional pattern of religious community-wise child nutrition: A case study of North 24 Parganas, West Bengal

SPECIAL SESSION

14:00-15:30

Fri_(8)_Room A603

SS24.2. Regional Issues in Economic growth and Development

Chair: **Debasis Patnaik**

- David Botchway**, Debasis Patnaik
1780 Assessment of growth factors in African growth story
- P. K. Sudarsan**
1781 Trade, Growth and Inequality and Regional Trade Agreements
- Vedant Bhardwaj, David Botchway, **Sartaj Singh Sandhu**, Rijul Arora, Debasis Patnaik
1782 Economic growth analysis of four West African countries namely Ghana, Nigeria, Niger and Togo

SPECIAL SESSION

14:00-15:30

Fri_(8)_Room A604

SS07.1. Economic Corridors, Development and Regional Cooperation in South Asia and Beyond

Chair: **Siegfried Wolf**

- Tomás Dentinho**
1092 The impact of Trans Himalayan Transport and Institutional Corridors
- Siegfried O. Wolf**
1370 Conceptualising Economic Corridors and its significance for South Asia1
- Roger Stough**
1513 Inefficiencies in the Global Logistics System and Regional Economic Development: Implementing the One Road, One Belt" (OBOR) Project"
- Atreyee Sinha Chakraborty**
1636 Regional Trading Blocs and Global Welfare. The need of focusing on harmonization of "standards" with reference to RTBs

SPECIAL SESSION

14:00-15:30

Fri_(8)_Room A605

SS15.2. Conflict, Migration, and Diaspora

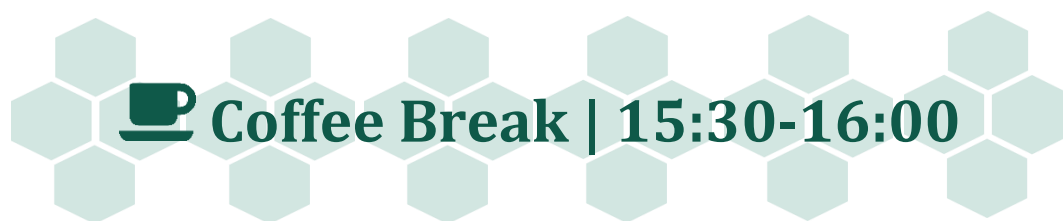
Chair: **Jacques Poot**

- Jacques Poot**, Isabelle Sin, Steven Stillman
1059 Immigrant integration revisited: the roles of culture, language and experience
- Sonali Narang**
1060 Climate Change, Migrations and Security: Conceptualization and Contestations
- Riyanka Chatterjee**, Utpal Roy
1094 Uncertainty of livelihood and migration: A study on Jaliakhali and Kaikhali Village, Khulna Zilla, Bangladesh
- Dhanasree Jayaram**
1102 Environmental Change as a 'Threat Multiplier': The Case of Migration

SS19.5. Globalization and Regional Science

Chair: **Henri De Groot**

- Henri De Groot**, Thomas Graaff, Maureen Lankhuizen
1544 Testing the robustness of trade and foreign direct investment barriers in gravity models
- Raina Ghosh**
1599 Globalization and Water. The Dynamics of Privatization in the Rural Drinking Water Sector
- Pawel Churski**, Robert Perdal, Barbara Konecka- Szydłowska, Tomasz Herodowicz
1603 Redefinition of regional development factors of the European Union in the light of contemporary socio-economic changes
- Moh Agung Widodo**, Budy P. Resosudarmo
1671 Growing up in diversity: The effects of ethnic diversity on educational outcomes?



Plenary Session

Space Programm, Geoinformatics: Policy and Practice

PLENARY SESSION**16:00-18:00****Fri_ Lecture theatres A3**

Chair: **Debapriya Dutta**, Department of Science and Technology, Government of India

Keynote Presentations

Bhoop Singh, Head, Natural Resources Data Management System, India

Antonio Sarmiento, WavEC Offshore Renewables, Portugal

V. Gopalakrishna, National Institute of Oceanography, Dona Paula, Goa



18:30-22:00 | CLOSING AND GALA DINNER

Venue: Panjim

Valedictory Address by **Amitabh Kundu**, Distinguished Fellow at the Research and Information System for Developing Countries, Regional Advisor on Poverty-EDID, UN ESCWA, India