

CONTRIBUTED SESSIONS *Affiliation refers to the first author when authors are more than one*

C1: Time series models for environmental applications

- Marcus Herbst, Markus C. Casper, Jens Grundmann, Oliver Buchholz; Economic and Social Statistic Dept. and Centre for Regional and Environmental Statistics, University of Trier: 'Comparative analysis of model behaviour for flood prediction purposes using Self-Organizing Maps'
- Rey Decastro, Timothy Buckley, Lu Wang, Jana Mihalic, Patrick Breysse, Alison Geyh; WESTAT: 'The Longitudinal Dependence of Black Carbon Concentration on Traffic Volume in an Urban Environment'
- Helena Mouriño, Sofia Palma, Maria Teresa Moita, Maria Isabel Barão; Universidade de Lisboa, Portugal: 'Zero-Inflated Generalised Poisson Regression Model to Describe Pseudo-nitzschia Concentration in Lisbon Bay'

C2: Models for marine applications

- Clarissa Ferrari, Alan E. Gelfand, Giovanna Jona Lasinio, Daniela Cocchi; University of Bologna: 'Approximated wrapped distributions for modeling circular data'
- Valérie Monbet, Pierre Ailliot, Anne Cuzol, Nicolas Raillard; Université de Bretagne Sud: 'Space-time models for moving fields. Application to significant wave height.'
- Francesco Lagona, Marco Picone; DIPES - University of Roma Tre: 'Multiple imputation of incomplete oceanographic linear-circular data using multivariate mixture models'

C3: Fuzzy statistics and its extension

- Ip Wai Cheung, Baoqing Hu, Heung Wong, Jun Xia; The Hong Kong Polytechnic University: 'Applications of Grey Relational Method to River Environment Quality Evaluation in China'
- Reinhard Viertl; TU Wien: 'Analysis of fuzzy environmental data'
- Christophe Faust, Peter Gemmar, Oliver Gronz, Markus Casper; University of Applied Sciences (FH), Trier Germany: 'Generating Fuzzy Logic-Based Rainfall-Runoff Models Using Self-Organizing Maps'

C4: Environmental monitoring

- Michele Scagliarini, Daniela Cocchi; University of Bologna: 'Gauge imprecision effect on environmental monitoring algorithms'
- Massimiliano Lega, Luca d'Antonio, Rodolfo Napoli; DiSAM-Dipartimento di Scienze per l'Ambiente-University of Naples Parthenope, Italy : 'Solid Waste Landfills Monitoring by Aerial Infrared Thermography'
- Giuseppe Persechino, Pasquale Schiano, Massimiliano Lega, Rodolfo Napoli; CIRA-Italian Aerospace Research Centre: 'Environment Monitoring performed by Advanced Hybrid Airship at low altitude'

C5: Air quality monitoring and assessment

- Tarana A. Solaiman; Civil and Environmental Engineering, The University of Western Ontario, Ontario, Canada: 'Partial Least Square (PLS) Model in Air Quality Modelling'
- Francesca Di Salvo, Gianna Agro', Marianonietta Ruggieri, Antonella Plaia; DSSM, University of Palermo: 'Air quality assessment via Functional Principal Component Analysis'
- Walter Di Nicolantonio, Alessandra Cacciari, Gabriele Curci, Paolo Stocchi, Ezio Bolzacchini, Luca Ferrero, Claudio Tomasi; Carlo Gavazzi Space at ISAC-CNR, Bologna, Italy: 'Air Quality monitoring fusing satellite remote sensing, ground-based measurements and meteorological modeling in Northern Italy'
- Claire Fauchoux, Chantal de Fouquet, Giovanni Cárdenas, Laure Malherbe; Mines ParisTech-Centre de Géosciences-Géostatistique: 'How to build an initial sampling scheme: recommendations for measurement surveys of air quality'

C6: Spatio-temporal models

- Juan Antonio Luque-Espinar, Mario Chica-Olmo, Eulogio Pardo-Igúzquiza, María José García-Soldado, Juan Grima-Olmedo; Geological Survey of Spain (IGME): 'Analysis of the piezometric spatial distribution based on the estimation of piezometric differences'
- Maura Mezzetti, Samantha Leorato; Facoltà Economia, Università "Tor Vergata", Roma: 'Bayesian Spatial Panel Data'
- Alexandre Rodrigues, Peter Diggle; Lancaster University: 'A Spatio-Temporal Model for Point-Source Modelling in Criminology: A CCTV Application'
- Cinzia D'Ariano, Alessandro Fassò, Francesco Finazzi; Dipartimento di Ingegneria dell'informazione e metodi matematici- Università degli studi di Bergamo: 'Estimation of hierarchical spatio-temporal coregionalization models with the EM algorithm'

C7: Modelling and monitoring soil data

- Jacqueline Potts; Biomathematics and Statistics Scotland: 'Options for the Design of a Soil Monitoring Scheme'
- Petra Kuhnert, Anne Kinsey-Henderson, Rebecca Bartley, Alexander Herr; CSIRO Mathematical and Information Sciences: 'Incorporating uncertainty into gully erosion calculations: a random forest approach'
- Jiri Komprda, Klara Kubosova, Milan Sanka, Ondrej Hajek, Ivan Holoubek; Research Centre for Environmental Chemistry and Toxicology, Masaryk University: 'Spatial model of persistent organic pollutants volatilization from soil: connection of deterministic and stochastic approach'

C8: Statistics for planning and decisions

- Eva Horvathova; Charles University in Prague: 'Does environmental performance affect financial performance? A meta-analysis'
- Petr Pecha, Radek Hofman, Emily Pechova; Institute of Information Theory and Automation: 'HARP-A Software Tool for Decision Support during Nuclear Emergencies '
- Maria Franco Villoria, Marian Scott, Trevor Hoey, Denis Smith, Alistair Cargill; University of Glasgow: 'Extreme Events and business continuity planning - exploration in flood risk strategies within Scotland'

C9: Forest and Fire modelling

- Andrew Finley, Sudipto Banerjee; Department of Forestry, Michigan State University: 'A hierarchical mixture model for estimating zero inflated continuous forest variables'
- Piermaria Corona, Mariagrazia Agrimi, Federica Baffetta, Anna Barbati, Lorenzo Fattorini, Enrico Pompei, Walter Mattioli; University of Tuscia - DISAFRI: 'Urban Forest Assessment in Italy under National Forest Inventory framework'
- Frederic Schoenberg; UCLA Statistics: 'Separable conditional intensity estimates for space-time point processes with application to Los Angeles County wildfires'

C10: Hydrological applications

- Maged Daoud, Saleh Magram; Civil Engineering Dept., King Abdulaziz University: 'Impact of residential underground water storage tanks on drinking Water quality of Jeddah Supply System, Saudi Arabia'
- Oliver Gronz, Peter Gemmar, Markus Casper; University of Applied Sciences (FH), Trier, Germany: 'Restricting Parameter Space in Mesoscale Water Balance Models using Hydrological Soil Maps'
- Enrico Guastaldi, Andrea Carloni, Vincenzo Ferrara, Claudio Gallo; Centro di GeoTecnologie, Università degli Studi di Siena: 'Stochastic groundwater modelling for a fractured aquifer in Augusta area (Syracuse, Italy)'

C11: Environmental regulation and sustainability

- Suresh Deman; Centre for Economics & Finance: 'Environmental Compliance, Social Regulation: a Game Theoretic Model'
- Kristina Voigt, Hagen Scherb; Helmholtz Zentrum Muenchen: 'The Interplay of Environmetrics with other Environmentally-Oriented Societies'
- Pancrazio Bertaccini, Marco Bagliani; IRES Piemonte: 'An estimate of the industrial metabolism of the Piedmont region (Italy) using the environmental input-output analysis and the ecological footprint'

C12: Modeling health effects

- Duncan Lee, Gavin Shaddick; University of Glasgow: 'Spatial modelling and ecological bias within air pollution and health studies'
- Anne Knol, Arthur Petersen, Jeroen van der Sluijs; RIVM: 'Dealing with uncertainties in environmental burden of disease assessment'
- Erik-A. Sauleau, Silvia Columbu, Monica Musio; Faculte de Medecine, Universite de Strasbourg, France: 'Risk standardisation and Poisson regression in environmental cancer incidence studies'
- Michael Salter-Townshend, John Haslett; University College Dublin: 'The INLA Method for Multivariate Counts Data'

C13: Ozone modelling

- José Pires, F.G. Martins, M.C.M. Alvim-Ferraz, M.C. Pereira; LEPAE, Faculdade de Engenharia da Universidade do Porto: 'Darwinian Theory based technique to predict air pollutant concentrations'
- Dariusz Kayzer, Klaudia Borowiak, Anna Budka, Janina Zbierska; Poznan University of Life Sciences, Department of Mathematical and Statistical Methods: 'Effect of tropospheric ozone on tobacco plants in various exposure series during growing seasons '
- Armando Pelliccioni, Stefano Lucidi, Vittorio La Torre, Fabrizio Pungì; IspeSl: 'Forecast of Ozone pollutant up to 5 days in advance in Rome Urban Area by means Neural Net'
- Rossana Cotroneo, Silvia Bartoletti, Armando Pelliccioni; IspeSl: 'Connection between meteorological and Ozone scenarios in different urban areas'

C14: Modeling Extremes

- Zaher Khraibani, Hussein M. Badran, Hussein Khraibani; Université Paris 10: 'Records method for the natural disasters: Application to the Storm events'
- Lee Fawcett, David Walshaw; Newcastle University: 'Bayesian inference for clustered extremes'
- Olivia Grigg, Jonathan Tawn; Lancaster University: 'Modelling joint extremes: application to UK river flow data'

C15: Statistical methods for disease mapping

- Massimo Ventrucchi; Dipartimento di Scienze Statistiche "Paolo Fortunati": 'Multiple testing on Standardized Mortality Ratios: a Bayesian Hierarchical model for False Discovery Rate estimation'
- Tomás Goicoa, M.D. Ugarte, Jaione Etxeberria, F. Militino Ana; Universidad Pública de Navarra: 'Detecting high-risk regions in disease mapping using spatial P-spline models'
- Monica Musio, Erik Sauleau, Nicole Augustin; University of Cagliari: 'Modelling Space-time variation of cancer incidence data: a case study'

C16: Climate modelling

- Juan Antonio Luque-Espinar, Eulogio Pardo-Igúzquiza, Mario Chica-Olmo, María José García-Soldado; Geological Survey of Spain (IGME): 'Temporal and spatial analysis of climatic cycles in a detritic aquifer: behaviour of recharge '
- Lasse Holmström, Leena Pasanen; University of Oulu: 'Bayesian scale space analysis with application to remote sensing and climate modeling'
- Hans Visser; Netherlands Environmental Assessment Agency: 'Dendroclimatological reconstructions of past climates: is the present the key to the past?'
- Milena Kovárová; University of South Bohemia, Institute of Physical Biology: 'The causes of climate change'

C17: Time series models for environmental applications II

- Esmail Amiri; Department of Statistics IKIU : 'Bayesian modelling volatility of growth rate in atmospheric carbon dioxide concentrations'
- Grace Chiu, Shahedul Ahsan Khan, Joel Dubin; University of Waterloo: 'Monitoring Atmospheric Chlorofluorocarbons by the Longitudinal Bent-Cable Model'
- Daniele Imparato, Mauro Gasparini; Department of Mathematics - Politecnico di Torino: 'Reconstructing hourly PM10 gravimetric measurements through transfer function models'

C18: Multivariate analysis for water quality

- Huseyin Ankara, Suheyla Yerele; Eskisehir Osmangazi University: 'Assessment of Surface Water Quality by Multivariate Statistical Analysis Techniques'
- Ruth Haggarty, Marian Scott, Claire Ferguson; University of Glasgow: 'Extreme Value Theory Applied to the Definition of Bathing Water Discounting Limits'
- Hans Visser; Netherlands Environmental Assessment Agency: 'Steering factors and the ecological quality of regional surface waters: A successful application of regression-tree analysis'

C19: Air pollution and health

- Steven Roberts, Michael Martin; Australian National University: 'Does ignoring model selection effects in assessing the effect of PM on mortality make us too vigilant?'
- Borek Puza, Terence O'Neill; Australian National University: 'Optimal constrained confidence estimation via tail functions with applications to environmental data'
- Erik-A. Sauleau, Agnes Fromont, Laurence Clerc, Audrey Bellisario, Claire Bonithon-Kopp, Thibault Moreau, Christine Binquet; Faculty of medicine, University of Strasbourg, Strasbourg, France: 'Correction of edge effect in spatial generalized additive mixed models'
- Gavin Shaddick, Duncan Lee, Ruth Salway, Stephen Walker; University of Bath: 'Bayesian latent variable modelling in studies of air pollution and health. '

C20: Models for precipitation data

- Antonella Bodini, Bruno Betrò, Antonio Cossu; Institute of Applied Mathematics and Information Technology: 'Analysis of extreme events in Sardinia (Italy) via a hidden Markov model'
- Erdem Albek; Anadolu University: 'Correlation between Precipitation at two Stations in Turkey and NAO/MO indices '
- Claudie Beaulieu, Taha B.M.J. Ouarda, Ousmane Seidou; Princeton University: 'Bayesian detection of inhomogeneities in precipitation series'

C21: Change point detection in meteorology

- Daniela Jaruskova; Czech Technical University, Prague: 'A test for change in mean of random vectors with application to temperature series'
- Patricia Menéndez, Sucharita Ghosh, Hans Rudolf Künsch, Willy Tinner; Biometris, Wageningen University & Swiss Federal Research Institute WSL, Switzerland: 'Smoothing and change point estimation for irregularly spaced palaeo proxy time series'
- Hagen Scherb, Kristina Voigt; Institute of Biomathematics and Biometry Helmholtz Zentrum München-German Research Center for Environmental Health: 'Radiation-induced genetic effects and ecological dose-response analyses'
- Laimonis Kavalieris; University of Otago: 'Changepoint detection in autocorrelated time series'

C22: Multivariate techniques

- Mokhtar Elatrash, Aly Okasha, Hesham Ibrahim; Al-Mergheb University: 'Copper Removal From Aqueous Solutions By Using Portland Cement Kiln Dust'
- Annalina Sarra, Gianfranco Iurisci; Dipartimento di Metodi Quantitativi e Teoria Economica Università "G.d'Annunzio" di Pescara: 'Solar photovoltaic in Italy: a statistical spatial analysis for accurate energy planning'
- Alessandro Zini; Università degli studi di Milano-Bicocca: 'Testing Isotropy of Space Covariance Functions'

C23: Marine environment

- Juan Grima, Bruno Ballesteros, José Antonio Domínguez, Juan Antonio Luque; Geological Survey of Spain (IGME): 'Data analysis of seawater intrusion in the Pego-Oliva marshland'
- Scott D. Foster, Mark V. Bravington; CSIRO Mathematical and Information Sciences: 'A Markov Model Approach to the Analysis of Video Transect Data from the Marine Environment'
- Natalie Kelly, David Peel, Mark Bravington, Sharon Hedley; CSIRO: 'Design of Antarctic circumpolar whale research cruises: a model-based approach'

POSTER SESSIONS *Affiliation refers to the first author when authors are more than one*

Poster Session 1

- 1) Suheyly Yerel, Huseyin Ankara; Bilecik University: 'Surface Water Quality Assessment using Statistical Techniques'
- 2) Ivan Klozyatnyk, Natalia Klymenko; Institute of Colloid Chemistry and Chemistry of Water, National Academy of Sciences of Ukraine: 'Impact of seasonal changes of the river water on drinking water quality'
- 3) Olena Samsoni-Todorova, Natalia Klymenko, Ivan Kozyatnyk; National Technical University of Ukraine Kiev Polytechnic Institute: 'Changing of biodegradable organic carbon in some processes of drinking water preparation'
- 4) Duncan Lee, Tereza Neocleous; University of Glasgow: 'Using quantile regression in environmental epidemiology'
- 5) Ali Gargoum; UAE University Professor: 'Bayesian forecasting algorithm for accommodating non-Gaussian air concentration observations '
- 6) Ramón Giraldo, Pedro Delicado, Jorge Mateu; Universitat Politècnica de Catalunya: 'Hierarchical clustering of spatially correlated functional data'
- 7) Eva M^a Ramos-Ábalos, Ramón Gutiérrez-Jaimez, Ramón Gutiérrez-Sánchez, Ahmed Nafidi; Universidad de Granada: 'Tri-Parameter Lognormal Diffusion Process with Exogenous Factors: Inference Based in Simulated Data'
- 8) H.I. Calvete, J.A. Carrión, C. Galé, E. García, R. Núñez-Lagos, C. Pérez, J. Puimedón, S. Rodríguez, M.L. Sarsa, J.A. Villar; Dpto. de Métodos Estadísticos. Universidad de Zaragoza: 'Environmental radioactivity monitoring in Aragón (Spain)'
- 9) Ronald E. McRoberts, Susan M. Stein, Lisa G. Mahal; U.S. Forest Service: 'Forests on the Edge'
- 10) Elizabeth Mannshardt-Shamseldin, Eric Gilleland, Harold Brooks; Duke University and the Statistical and Applied Mathematical Sciences Institute: 'Severe Weather under a Changing Climate: Large Scale Indicators of Extreme Events'
- 11) Baba Thiam, Sophie Dabo-Niang; University Lille 3: 'Robust quantile regression estimation for spatial processes'
- 12) Serdar Göncü, Erdem Ahmet Albek, Ömer Güngör; Anadolu University: 'Spatial Variation of Factors Obtained from Two Monitoring Stations Along a Stream by Factor Analysis'
- 13) Nuria Rico, Desiree Romero, Francisco Torres, Patricia Román; Universidad de Granada, Spain: 'Gompertz-lognormal diffusion process for modelling the accumulated nutrients dissolved in a cultivation of *Capiscum Annuum*.'
- 14) Zbigniew Ziembik, Agnieszka Dolhaczuk-Srodka, Maria Waclawek; Opole University: 'Application of robust Principal Component Analysis for assessment of Cs-137 transport in forest soil'
- 15) Sophie Dabo-Niang, Anne-Françoise Yao, Mustapha Rachdi; University Lille 3: 'Space regression estimation for functional data'
- 16) Mine Albek, Erdem Albek; Anadolu University: 'Investigation of the interactions among water quality variables in a stream with Partial Correlations'
- 17) Ottorino-Luca Pantani, Irene Lozzi, Luca Calamai, Marinella Bosetto, Ettore Capri; Dip di Scienza del Suolo e Nutrizione della Pianta, Univ. di Firenze: 'Modelling sorption of tricyclazole on rice paddy sediments by statistical analysis of lab-sorption data'
- 18) Rossella Onorati, Paul D. Sampson, Peter Guttorp; University of Washington: 'A Spatio-Temporal Model based on the SVD to analyze large Spatio-Temporal datasets'
- 19) Lee Fawcett, David Walshaw; Newcastle University: 'A Hierarchical Model for Extreme Wind Speeds'
- 20) Alessandro Vaghegini, Francesca Bruno; Dipartimento di Scienze Statistiche, Università di Bologna: 'A Geographically Weighted Regression-based Generalized Regression estimator for spatial data'

- 21) Massimiliano Lega, Claudia Ferrara, Patrizia Manganiello, Vincenzo Severino; DiSAM- Dipartimento di Scienze per l'Ambiente - University of Naples Parthenope (Italy) : 'Soil Monitoring by aerial infrared thermography'
- 22) Senatro Di Leo, Carmelina Cosmi, Maria Macchiato, Maria Ragosta; Dipartimento di Ingegneria e Fisica dell'Ambiente, Università della Basilicata, Potenza Italy: 'Sustainability indicators from multidimensional analysis of partial equilibrium model data'
- 23) Francesca Bruno, Daniela Cocchi; Department of Statistics "P.Fortunati", University of Bologna: 'Air pollution indices: comparisons of their uncertainty'
- 24) Scott D. Foster, Piers K. Dunstan; CSIRO Mathematical and Information Sciences: 'Biodiversity Analysis Using Rank Abundance Distributions'
- 25) Claire Ferguson, Marian Scott, Laurence Carvalho, Geoffrey A. Codd, Andrew Tyler; Department of Statistics, University of Glasgow, Glasgow, UK: 'Monitoring and Managing Cyanobacterial Risks in Freshwater Lakes'
- 26) Monica Musio, Nicole Augustin, Klaus H. von Wilpert, Edgar Kublin, Simon Wood, Martin Schumacher; University of Cagliari: 'Modelling Spatio-temporal forest health data'

Poster Session 2

- 27) Livia Trizio, Maurizio Caselli, Gianluigi de Gennaro, Pierina Ielpo; University of Bari: 'A Simple Feedforward Neural Network for the PM10 Forecasting: Comparison with a Radial Basis Function Network and a Multivariate Linear Regression Model'
- 28) Maria Kozłowska, Agnieszka Lacka, Roman Krawczyk, Radosław J. Kozłowski; Department of Mathematical and Statistical Methods, Poznan University of Life Sciences: 'Some block designs with nested rows and columns for research on pesticide dose limitation'
- 29) Jean Sanderson, Michel Crucifix, Piotr Fryzlewicz, Jonathan Rougier; University of Bristol: 'Spectral analysis of irregularly spaced paleoclimatic time series using empirical mode decomposition and wavelet lifting.'
- 30) Helen Powell, Duncan Lee, Adrian Bowman; University of Glasgow: 'Do ozone concentrations affect respiratory health in Scotland?'
- 31) Petra Kuhnert, Shane Griffiths, William Venables, Stephen Blaber; CSIRO Mathematical and Information Sciences: 'Estimating abundance of pelagic fishes using gillnet catch data in data-limited fisheries: a Bayesian approach'
- 32) Barbara Cafarelli, Annamaria Castrignano, Antonio Troccoli, Salvatore Colecchia; Università degli Studi di Foggia: 'The use of geoaddivitive models to estimate the spatial distribution of grain weight in an agronomic field: a comparison with kriging with external drift'
- 33) Mattia Mercuriali, Maria Grazia Perrone, Luca Ferrero, Ezio Bolzacchini, Maria Chiara Pietrogrande; Department of Chemistry, University of Ferrara: 'Data handling based on AutoCoVariance Function for decoding complex signals from environmental monitoring: identification of organic tracers in atmospheric aerosol'
- 34) Zdenek Pospisil, Jitka Kuhnova; Masaryk University, Brno, Czech Republic: 'Bio-diversity in vineyards with conventional, biological and integrated treatment'
- 35) Stan Yip; National Centre for Atmospheric Science and University of Exeter: 'On the partitioning uncertainty in global climate predictions'
- 36) James Sweeney, John Haslett; Trinity College Dublin: 'Multivariate Non-Parametric Regression via Gaussian Markov Random Fields'
- 37) Sara Focaccia; DICMA: 'The problem of the complex hydrocarbon pollution in stockage sites: the importance of geostatistics'
- 38) Claire Fauchoux, Yves Benoit, Claire Carpentier, Chantal de Fouquet, Bruno Fricaudet, Jean-Christophe Gourry, Edwige Polus-Lefebvre; Mines ParisTech-Centre de Géosciences-Géostatistique: 'Spatial variability of hydrocarbon polluted soils: main contributions of the LOQUAS project'

- 39) Gavin Shaddick, Marta Blangiardo, Ruth Salway, Alex Zenie, Bruce Denby, Edzer Pebesma; University of Bath: 'Uncertainty analysis within the HEIMTSA (Health and Environment Integrated Methodology and Toolbox for Scenario Assessment) project. '
- 40) Klara Kubosova, Jiri Jarkovsky, Karel Brabec, Svetlana Zahradkova, Jindriska Bojkova, Pavel Bartusek; RECETOX (Research Centre for Environmental Chemistry and Toxicology), Masaryk University: 'Analysis of stream macroinvertebrates response to environmental conditions: research support of the Water Framework Directive implementation in the Czech Republic'
- 41) Marco A. Rodríguez, Clarice G.B. Demétrio, Silvio S. Zocchi, Roseli A. Leandro, Julie Deschênes; Université du Québec à Trois-Rivières, Trois-Rivières, Canada: 'Multilevel zero-inflated regression for modelling species abundance in relation to habitat: a Bayesian approach'
- 42) Raquel Menezes, Ana Cristina Fernandes; Minho University, Portugal: 'Data analysis on environmental monitoring networks'
- 43) Katarzyna Sobiech-Matura, Maria A. Olech, Jerzy W. Mietelski, Anna Masniak; Institute of Botany, Department of Biology and Earth Science, Jagiellonian University, Poland: '137CS, 40K, 238PU, 239+240PU and 90SR in environmental material originatig from king george island (South Shetlands, Antarctica)'
- 44) Ramos M. do Rosário; Universidade Aberta(PT) and CMAF, University of Lisbon: 'Trend testing: searching for a better estimation of the variance of the test statistic.'
- 45) María C. Bueso, José M. Angulo, María D. Ruiz-Medina; Department of Applied Mathematics and Statistics, Technical University of Cartagena, Spain: 'Multi-scale clustering of spatio-temporal observations'
- 46) Beverly McNaughton; Science and Technology Branch, Department of the Environment: 'National Freshwater Quality Indicator-A Canadian Environmental Sustainability Indicator'
- 47) Lee YoungSaeng, Yoon SangHoo, Park Jeong Soo; Chonnam National University: 'Non-stationary Frequency Analysis of Extreme Precipitation in South Korea'
- 48) Lee Jung Hee, Jeong Bo-Yoon, Park Jeong Soo; Chonnam national university: ' Fisher information matrix and Method of L-moments on the Generalized Gumbel Distribution'
- 49) Francesca Bruno, Rodolfo Rosa, Luca Talenti; Department of Statistics "P.Fortunati", University of Bologna, Italy: 'Parametric spatial bootstrap and moving block bootstrap: a comparative study'
- 50) Mario Lloyd Virgilio Martina, Sara Pignone, Ezio Todini; University of Bologna: 'A Bayesian approach to determine the rainfall thresholds for landslides triggering '