



Newsletter

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Editor: Ayesha Ali

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1. A Message from the President,
Don Stevens
(stevens@science.oregonstate.edu)
Department of Statistics
Oregon State University, USA

Dear TIES members,

In the previous TIES newsletter (Nov-Dec 2011), I discussed the financial relationship between TIES

and ISI, and the concern of the Board of Director's that (1) the cost of remaining an ISI Association was not commensurate with the benefits, and (2) that cost was not sustainable without substantially increasing revenue. Because TIES's revenue is primarily membership dues, an increase in revenue sufficient to cover ISI costs would likely translate to at least doubling the annual dues. Discussions within the TIES Board have continued since then.

The 2012 TIES Board meeting was held in January 2012 in conjunction with the 2012 TIES Annual Conference in Hyderabad, India. At that meeting, several actions were taken to address the financial relationship between ISI and TIES:

First, the TIES Board asks what action ISI might take in the case of bankruptcy of TIES? Does ISI assume any financial responsibility?

Second, there was consensus amongst the TIES Board that the benefits that TIES receives from association with ISI are not commensurate with costs incurred. TIES is a separate legal entity, incorporated as a non-for-profit institution under Canadian law. TIES has a responsibility to manage its own finances (including an annual audit), and has no wish to change that status. Given TIES independent status, it is not reasonable for TIES to assume the same share as the other Associations that are legally a part of ISI. In particular, the overhead for bank charges, auditors, and consultants are not properly apportioned.

Third, TIES changed its membership policy in regard to students and “conference” members. A category of “Associate” was created, with sub-classes of “Student” and “Conference”. Associates are not members; cannot hold office, and cannot vote in TIES elections. Associates do receive reduced registration fees, TIES announcements, and electronic copies of TIES newsletters. Associates can become Regular members at any time by paying the current annual dues. At the end of two years, Conference associates must convert to Regular membership or be dropped from membership. If Associates become Regular members, time spent in Associate status is included in seniority calculation.

Since Associates are not considered as TIES members, they do not become ISI Associate Members, and have no standing in ISI. Associate status will be administered by TIES, and so will not appear in ISI-managed data bases. Effective immediately, membership has been rescinded for all student and conference members.

Fourth, the Board explored ways to increase income generation. (1) The *Environmetrics* contract with Wiley has two years to run. At the time the contract is re-negotiated (or before) the Board will adopt a firm position that revenue-sharing is a requirement for any future contracts. (2) Dues were increased to €35/year, and modest increases (to be determined) were supported for future years. (3) The Board agreed in principle to encourage TIES sponsored workshop and short courses at venues outside of the Annual Conference.

The Board’s position was presented to the general membership at the Annual General Meeting in Hyderabad, and received a vote of approval.

Following the Hyderabad meeting, the Board sent a letter to ISI detailing the above, along with the following proposal:

The 2010 level of ISI overhead cannot be sustained by TIES. If some categories were exceptionally high for the single year of 2010, then that needs to be clarified. TIES expects to pay a reasonable fee for the services provided to TIES by ISI, and recognizes the value of continued association with ISI. Nevertheless, if a more reasonable cost share that reflects the value of the services that TIES receives from ISI cannot be agreed upon, it does not seem

financially feasible for TIES to remain an Association of ISI.

TIES proposes an explicit written agreement with ISI along the following lines:

1. ISI will provide administration services for membership with an agreed upon method of enumerating members.
2. ISI will provide final count of number members invoiced and number members paid, by category, as well as the corresponding income received by ISI from payment of membership dues in the year (not just invoiced amounts), as well as associated reports being received during the year.
3. TIES share of ISI overhead costs will be negotiated on a category by category basis. For categories from which TIES receives little benefit, TIES will pay a commensurate reduced share of the cost.
4. TIES will handle its own financial administration. TIES is incorporated under Canadian law, and is required to file annual financial reports. To satisfy this requirement, TIES needs accurate figures on the dues collected by ISI for TIES on a yearly basis. Invoiced amounts are not adequate for our financial audits.
5. TIES will pay for the other services ISI provides (e.g., mailings, assistance with meetings, etc.) based on an explicit agreement accepted by both ISI and TIES.

The concerns of the Board were transmitted to ISI on May 10, 2012. On June 26, 2012 a follow-up email was sent to ISI due to a lack of response from ISI. In this email, I proposed that ISI and a Board-approved TIES delegate meet in Rome in conjunction with the ISI Council meeting. We received a brief response from ISI that (1) acknowledged receipt of our original letter; (2) agreed on a meeting in Rome; and (3) a willingness to work with TIES to see if we can find a solution that will work for everyone.

On a more pleasant note, plans are proceeding for TIES 2013 in Anchorage, Alaska, USA. Please see Section 3 for further details. I hope to welcome you to Anchorage in 2013.

2. TIES News

The following awards were presented in Hyderabad, at the TIES 2012 meeting.

Abdel El-Sharaawi Award. Peter F. Craigmile, Associate Professor, Department of Statistics, The Ohio State University, U.S.A.

John Wiley-TIES 2012 Best Student Presentation Award. Amira El-Ayouti, Department of Statistics, Cairo University, Egypt.

John Wiley-TIES 2012 Best Poster Presentation Award. Venkata Raghava Mohan, Associate Professor, Community Health, Christian Medical College, India, and Elena N. Naumova, Professor of Civil and Environmental Engineering, Tufts School of Engineering, U.S.A.

President's Invited Lecture

Alan Gelfand, J.B. Duke Professor of Statistics and Decision Sciences, Duke University, U.S.A.

J Stuart Hunter lecturer

Adrian Bowman, Professor, School of Mathematics and Statistics, University of Glasgow, Scotland.



Elena N. Naumova and Venkata Raghava Mohan
(Best Poster Presentation Award winners)

Other Recognitions

2012 ASA Section on Statistics and the Environment (ENVR) Young Investigator Award
Grace Chiu, Environmental Statistician, CSIRO Mathematics, Informatics and Statistics, Australia. This award will be presented at the upcoming Joint Statistical Meeting in San Diego.

Forthcoming papers in Environmetrics

For forthcoming articles to be published in the society journal *Environmetrics*, please visit the following link:

onlinelibrary.wiley.com/journal/10.1002/%28ISSN%291099-095X/earlyview

TIES members have the opportunity to download Environmetrics papers for free from the Wiley webpage. A username and password are required to make use of this opportunity; please email m.deruitermolloy@cbs.nl to obtain these details.

3. Environmetrics Conferences

3.1. Forthcoming Conferences

Already announced

iEMSs 2012: 6th International Congress on Environmental Modelling and Software, Leipzig, Germany, 1 - 5 July 2012

The theme of this year's iEMSs meeting is *Managing Resources of a Limited Planet: Pathways and Visions under Uncertainty*. The aim of the meeting is to enhance environmental processes understanding and decision making by fostering the discussion and interchange of challenges, solutions, ideas, new methods and techniques, and future research lines in environmental modeling and software.

The congress will take place at the "Leipziger KUBUS", the conference venue of the Helmholtz Centre for Environmental Research - UFZ.

www.iemss.org/sites/iemss2012/

3rd International Conference on Industrial and Hazardous Waste Management – Chania, Crete, Greece, September 12-14, 2012

The International Conference on Industrial and Hazardous Waste Management "CRETE 2012" will be held September 12-14, 2012 at Chania (Crete, Greece) for the third time. This conference will focus

on innovative aspects of Industrial and Hazardous Waste Management.

CRETE 2012 will mainly focus on: Industrial and Hazardous Waste, Hazardous Waste Toxicology, Treatment of Hazardous Waste landfill and Mine leachates, Contaminant Release and Transport, Toxic substances in the food Chain, Management of Contaminated sites, Special Topics on Environmental Management and Remediation, Radioactive Waste, Energy from Waste, Case studies, and Special Waste.

www.hwm-conferences.tuc.gr

ISI WSC 2013: 59th ISI World Statistic Congress – Hong Kong, August 25-30, 2013

The 59th WSC meeting will be held in Hong Kong August 25-30, 2013. The meeting venue will be the Hong Kong Convention and Exhibition Centre (HKCEC), which is a magnificent, multi-purpose venue located right in the heart of Hong Kong on the Victoria Harbour.

The scientific programme encompasses a wide range of topics facilitating professional exchanges and sharing amongst experts and practitioners in various statistical spheres. Featuring the unique theme "Youth", a series of sessions will be organised on the "Theme Day" of the 59th WSC to address, from various statistical perspectives, topics surrounding the "Youth". Participation of young statisticians in the 59th WSC is also highly encouraged. Byeong U. Park and Delia North are co-organizing the Theme Day sessions.

Proposals for Invited Paper Sessions should contact a member of the Scientific Programme Committee as early as possible. Proposals for Special Topics Sessions can be submitted by individual members of the ISI and Associations, Committees, or outside institutions and organisations, and can be submitted to the Local Programme Committee.

www.isi2013.hk/

Important Dates

Early Registration has already started:

June 8, 2012 to May 31, 2013

Satellite Regional TIES Meeting: ISI WSC 2013 – Gunazhou, China, late August 2013.

Quanxi Shao, in cooperation with the Chinese Society of Environmental and Resource Statistics, is planning a satellite Regional TIES meeting to the ISI WSC 2013. Details to follow as they develop.

New Announcements

TIES-SiTE Session: 2012 Italian Ecological Society Meeting – Alessandria, Piemonte, Italy, September 10-13, 2012

As a member of the TIES-SiTE working group, Giovanna Jona Lasinio will be co-organizing a session at the Italian Ecological Society Conference. The Board has agreed to make this a formal TIES-SiTE session. The session will be structured with 2 invited presentations (one in statistics and one in ecology) and up to 6 short presentations in environmental statistics and ecology. Email Giovanna (giovanna.jonalasinio@uniroma1.it) for further details.

TIES Session: Statistics Week 2012 - Vienna, Austria, September 18-21, 2012

The Statistical Week will be organized by the German and Austrian Statistical Societies (DStatG, ÖSG), jointly with the Association of German Municipal Statisticians. The German Demographic Society will organize special sessions.

Main Topics of the week include: Education, Statistics with High-frequency Data, and Environmental Statistics. TIES Secretary Jorge Mateu will give a plenary talk on Environmental Statistics and 3 sessions, comprising 10 talks, are dedicated to environmental statistics.

Numerous sections with invited speakers, many of which may be of interest to TIES members, have also been organized. One such session is the TIES session, organized by Alessandro Fassò, and will include talks by Alessandro himself, Giovanna Jona-Lasinio, and Veronica Berrocal.

www.statistische-woche.de/en

TIES 2013: 23rd Annual Conference of The International Environmetrics Society – Anchorage Alaska, June 10-14, 2013

Don Stevens

The TIES 2013 conference will be held at the Hilton Hotel on June 10-14, 2013, in downtown Anchorage. The Hilton has been recently refurbished and offers spectacular views of the Chugach Mountains and Cook Inlet. That week in June is one week before summer solstice, so the sun will be above the horizon for over nineteen hours, and just below the horizon for the remainder of the day.

The theme of the conference will be *Statistics & Natural Resources: assessment, regulation, development, use and conservation.*

Jay Ver Hoef has organized a two-day modular course on statistical methods for estimating abundance for wildlife and fisheries, with four one-half day modules (taught by):

1. Plot-based spatial methods (Jay Ver Hoef),
2. Distance sampling methods (Steve Buckland),
3. Mark-recapture methods (Gary White), and
4. Sampling designs (Don Stevens).

Downtown Anchorage has many attractions within easy walking distance of the Hilton, as well as some excellent restaurants featuring Alaskan seafood. As usual at TIES meetings, we will be offering some half-day excursions on one afternoon in the week. We'll also arrange for pre- and post-conference tours which will include such options as glacier tours, fishing trips for salmon and/or halibut, and tours of Denali National Park.

We hope to have a conference web page up soon. Check the TIES webpage for updates.

www.environmetrics.org

EYSM 2013: 18th Edition of the European Young Statisticians Meeting – Osijek, Croatia, August 26-30, 2013

The 18th ESYM will take place in the city of Osijek, Croatia from August 26-30, 2013. The Local Organizing Committee will be chaired by Nenad

Suvak (Department of Mathematics, J.J. Strossmayer University of Osijek).

The main aim of the meeting is to provide young researchers (less than thirty years of age or two to eight years of research experience) an introduction to the international scene within the broad subject area - from pure probability theory to applied statistics.

Important Dates:

Abstract submission by February 15, 2013

Registration fee paid by March 15, 2013

Submission of short papers by March 15, 2013

www.mathos.hr/eysm18/

3.2 Meeting Reports

TIES 2012: 22nd Annual Conference of The International Environmetrics Society – Hyderabad, India, January 1-6, 2012

Marian Scott

The conference took place at the CR RAO Advanced Institute of Mathematics, Statistics and Computer Science (AIMSCS) located on the University of Hyderabad campus. It started with a workshop 1-2nd January 2012, followed by the main conference from 3-6th January 2012.

AIMSCS is an Institute created to bring together researchers in the fields of Mathematics, Statistics and Computer Science and is named after Professor C.R. Rao, FRS in honour of his outstanding achievements. The Institute promotes applications of science and technology in all areas of human endeavor. Participants were honoured to meet Professor CR Rao, who opened the meeting, and attended some of the sessions and the social events.



C.R. Rao in opening ceremony

The meeting was chaired by none other than C.R. Rao, F.R.S with co-chairs Tata Subba Rao, from the University of Manchester, and Venkata Krishna

Jandhyala, from Washington State University. All

three should be congratulated on a well-organised and exciting conference.

The numerous sponsors for the meeting included: Ministry of Statistics & Programme Implementation, Ministry of Earth Sciences, and Department of Science & Technology, all part of the Government of India, Syndicate Bank, Punjab National Bank, International Statistical Institute, the World Bank and John Wiley Publications, UK.

Two-day Workshop

The meeting began with a two day short course on "Quantitative Methods for Environmental Data Analysis with R". The course was taught by myself, along with my good friends and colleagues: Adrian Bowman, from University of Glasgow, UK and Richard Chandler, from University College London, UK. The course, held in the Institute in a well-equipped teaching laboratory, went smoothly.



Ramanujan Building: short course venue

There were just over thirty participants and we all enjoyed the friendly atmosphere and the lively discussion. The participants represented various parts of the world, including Thailand, Turkey, Australia, Iran, and of course India. Participants' background was a good mix of Universities, industries and Government Organizations. We have been told that a short anonymous survey was conducted at the end of the course, and the results revealed that: participants felt the course could have been longer to allow more time for in-depth coverage and hands-on experience because implementing the methods presented would be so useful for their job/research purposes. In short, the course was a big success.

Main Meeting

The theme of the main conference was on *Environmental Challenges facing developed and developing countries in a Globalized World: Quantitative approaches to Comprehensive Solutions.*

There were 25 invited sessions, 4 keynote speakers and many, many contributed sessions. The keynote speakers, who entertained and educated us were:

1. Professor Alan E. Gelfand, Duke University, U.S.A. (*President's Invited Lecture*)
2. Professor John Haslett, Trinity College, Dublin, Ireland
3. Professor Adrian Bowman, School of Mathematics and Statistics, University of Glasgow, Scotland (*J Stuart Hunter lecturer*)
4. Professor Elena Naumova, Professor of Environmental Engineering, Tufts University, U.S.A.

One exciting element of holding the conference in India, was the opportunity to hear local speakers; it was excellent to see so many young scientists participating!

The programme, as you would expect of a TIES conference, was diverse with sessions on air quality, ecology, extremes, water quality, environment and health to mention only a few.



Invocation prayer: TIES President-Elect Browyn Harch lighting candles with C.R. Rao AIMSCS Director S.B. Rao

Culture

For a Scot, spending New Year away from home was difficult, but our hosts made us feel at home. We celebrated New Year in a restaurant with curry- no haggis!!

For many participants, this was their first visit to India, so we also very much enjoyed the cultural activities. We had a half day tour which included a guided tour of Hyderabad including Charminar, Mecca Masjid (mosque) along with Laad Bazar (no one got lost but we did come close!!!). In the evening, we enjoyed the Light & Sound show at Golconda Fort.

Another social evening on campus included a Kuchipudi dance programme by Ms.G Chinmayee, a disciple of Sri Pasuparthi Ramalinga Sastry of the University of Hyderabad. The dance was beautiful and fascinating to watch.

The conference dinner took place in Hyderabad, and many of the participants showed off their purchases from the bazaar – a very colourful evening, concluding with the award ceremony. See Section 2. for a listing of award recipients.



Abdel El-Sharaawi, Amira El-Ayouti (Best Student Presentation Award winner), and TIES 2012 co-chair Tata Subba Rao

In conclusion, this was an exciting conference, with interesting sessions, lots of young people, and held in India for the first time. I am sure everyone went home with fond memories.

For photographs and presentation slides see:

<http://ties2012.com/presentation.html>

4. Short Courses and Workshops

Statistics for Spatio-Temporal Data, University of Adelaide, Adelaide, Australia, July 8, 2012

This workshop will be held in conjunction with the Australian Statistical Conference to be held in Adelaide July 9-12 at the Adelaide Convention Centre. Presenters are:

1. Noel Cressie
Professor, University of Wollongong, and
Director of Program in Spatial Statistics and
Environmental Statistics, The Ohio State
University

2. Christopher K. Wikle
Professor of Statistics, University of Missouri.

The workshop will include the following topics: Exploratory methods for spatio-temporal data, including visualization, spectral analysis, empirical orthogonal function analysis, and LISAs Spatio-temporal covariance functions, spatio-temporal kriging, and time series of spatial processes. Development of hierarchical dynamical spatio-temporal models (DSTMs), with discussion of linear and nonlinear DSTMs and computational algorithms for their implementation are covered. Quantifying and exploring spatio-temporal variability in scientific applications, including case studies based on real-world environmental data.

Registration can be made via the ASC 2012 registration page.

www.sapmea.asn.au/conventions/asc2012/roi.html

ABS12: 2012 Applied Bayesian Statistics School, Stochastic Modelling for Systems Biology, Pavia, Italy, September, 3-7, 2012

This course will be beneficial to graduate students, post-docs and researchers both from academia, government, and industry whose area of activity is Statistics, Modelling, Bioinformatics, Systems Biology, Ecology, Mathematics, Computer Science, and Engineering. Some knowledge of Bayesian Statistics and MCMC is desirable, but not required. Prospective students may wish to refer to the book *Stochastic Modelling for Systems Biology*, 2nd Ed., by Darren J Wilkinson (Chapman & Hall/CRC Press, 2011) for an indication of content and coverage, as this text will provide the foundational material for a substantial component of the course.

www.mi.imati.cnr.it/conferences/abs12.html

One-day Thematic Courses on Environmental Geostatistics – Fontainebleau, France, on-going

The Geosciences and Geoengineering Research Department of Mines ParisTech, Centre de Géosciences organizes one-day thematic courses on environmental geostatistics. Proposed topics include, but are not limited to:

- the limitations of statistics in presence of time or spatial correlation,
- exceedance of a quality threshold,
- kriging practice: the neighbourhood, and
- linear regression and external drift.

Others topics can be offered upon request. Contact :
chantal.de_fouquet@mines-paristech.fr

www.geosciences.mines-paristech.fr/en/

5. Regional Updates

Australia

Melissa Dobbie

There is a flurry of environmetrics-related activity occurring in July, some in relation to the Australian Statistical Conference (ASC) being held in Adelaide on 9-12 July. Professors Noel Cressie and Chris Wikle are running a workshop on Statistics for Spatio-Temporal Data in Adelaide and Alan Gelfand is presenting a workshop on Hierarchical Modelling for Environmental Processes in Brisbane. Chris and Alan are both invited speakers at the ASC and will be visiting statisticians in CSIRO's division of Mathematics, Informatics and Statistics as part of their trip to Australia.

Two other workshops are being held in Melbourne the same week as ASC:

1. **Workshop on Analysis of Multivariate Data from Ecology and Environmental Science, using PRIMER v6**, LaTrobe University, July 9-13, 2012
www.latrobe.edu.au/deme/2012Primerworkshop.htm

2. **Week of Ecological and Biological Simulation Events**, Centre for Research on Intelligent Systems, Monash University, July 9-12, 2012. One workshop will focus on agent-based modelling and simulation.
www.austms.org.au/tiki-calendar.php?editmode=details&calitemId=369

In other news, we congratulate highly-cited and acclaimed applied statistician Professor Noel Cressie on his appointment as Professor in the University of Wollongong (UOW)'s Centre for Statistical and

Survey Methodology. Noel will be taking up his position later this year. Welcome home Noel! ☺

6. Recently or soon-to-be Published Books

The objective of this section of the Newsletter is to provide a list of recently published books of interest to members of our society. I encourage every one to send the editors of the Newsletter information about books they think should be listed in this section in future issues of the Newsletter.

Selected Works of David Brillinger (2012) by Peter Guttorp and David Brillinger, Springer.

This volume contains 30 most influential papers of former TIES president, David Brillinger, along with a Statistical Science interview with David, and his bibliography. The volume has been divided into four parts, each with comments by one of David's former PhD students: theoretical papers (Victor Panaretos, Switzerland), time series papers (Pedro Morettin, Brazil), biologically oriented papers (Tore Schweder, Norway and Haiganoush Preisler, USA), and point process papers (Peter Guttorp, USA). The volume is edited by Peter Guttorp, another former TIES president and Environmetrics Editor.

Metabolic Ecology: A Scaling Approach (2012)
Edited by Richard M. Sibly, James H. Brown, and Astrid Kodric-Brown, Wiley-Blackwell.

This text views ecological interactions as exchanges of energy and materials between organisms and their environments, and focuses on how metabolic rate affects ecological processes at all levels: individuals, populations, communities and ecosystems. Each chapter focuses on a different process, level of organization, or kind of organism. It lays a conceptual foundation and presents empirical examples. Together, the chapters provide an integrated framework that holds the promise for a unified theory of ecology. The book is intended to be accessible to upper-level undergraduate, and graduate students, but also of interest to senior scientists.

Elements of Ecology, 8th Edition (2012) by Thomas M. Smith and Robert Leo Smith, Benjamin-Cumming Publishing Co.

This eighth edition includes expanded quantitative exercises, a totally revised unit and new chapter dedicated to species interactions. In general, the text relies on current research in ecology to provide accessible examples that help you understand species natural history, specific ecosystems, the process of science, and ecological patterns at both an evolutionary and demographic scale. Further, the book's Quantifying Ecology boxes provide step-by-step examples of equations and statistical techniques.

Materials and the Environment: Eco-informed Material Choice, 2nd Edition (2012) by Michael Ashby, Elsevier.

This text explains how humans depend on and use materials, and the ensuing implications. Within the context of minimizing environmental impact, readers are introduced to methods for thinking about and designing with materials. This second edition includes new case studies and new chapters on Materials for Low Carbon Power and Material Efficiency. This book is intended for instructors and students as well as materials engineers and product designers who need to consider the environmental implications of materials in their designs.

Geostatistics: Modeling Spatial Uncertainty, 2nd Edition (2012) by Jean-Paul Chilès and Pierre Delfiner, Wiley.

This is the second edition of one of the best-selling books on geostatistics. It presents core methods and integrates them with new developments to the field. Topics include kernal methods, extreme values geostatistics, and modeling in geo-chronologic space. This book is intended to serve as a reference book for geostatisticians, physicists, and earth scientists in both industry and academia and as a supplemental text in related courses at the Ph.D level.

Bayesian Analysis of Stochastic Process Models (2012) by David Insua, Fabrizio Ruggeri, and Mike Wiper, Wiley.

This book provides a unified treatment of Bayesian modelling based on stochastic processes. Topics on stochastic processes involve modelling (including important applied models) computational inference, forecasting, and decision making.

Agrometeorology in Extreme Events and Natural Disasters (2012) by H.P. Das, CRC Press.

This book discusses a broad range of extreme events that affect agriculture and presents effective risk management strategies that cope with disasters (e.g., drought, volcanic eruption, pests, etc.) and that minimize the impact on agricultural production. Development of local agrometeorological adaptation strategies to reduce the effect of natural disasters in regions where food and fibre production is most sensitive to climate fluctuations is also discussed. The book is aimed at agrometeorologists, disaster specialists, agricultural planners, meteorologists, forest fire experts and various other professionals involved with risk management in agriculture, water and food production resources.

Statistical Geoinformatics for Human Environment Interface (expected: August 2012) by W. L. Myers and G. P. Patil, Chapman and Hall/CRC.

Methods and Applications of Statistics in the Atmospheric and Earth Sciences (expected: October 2012) by N. Balakrishnan, Wiley.

Encyclopedia of Environmetrics, 2nd Edition, 6 Volume Set (expected: November 2012) Edited by Abdel H. El-Shaarawi and Walter W. Piegorsch, Wiley.

Case Studies in Bayesian Statistical Modelling and Analysis, (expected: Dec. 2012) by C. Alston, Wiley.

The Editor would like to encourage TIES members to volunteer book reviews and to bring new publications to their attention.

7. TIES Board of Directors

The elected members of the TIES Board of Directors are:

President: Don Stevens
(president@environmetrics.org)

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(Bronwyn.Harch @csiro.au)

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- to cover news in latest developments in theory and applications of environmetrics;
- to be a forum for discussion of a broad range of issues which are of interest to members of TIES and are consistent with the objectives of the Society;
- to facilitate communication between environmental scientists and statisticians about research problems of mutual interest;
- to provide details about upcoming conferences and workshops related to Environmetrics;
- to announce members' news that are worthy of notice or recognition (e.g., awards, prizes and honours received, promotions, appointments, etc.).

Communications, (e.g. contributions, comments and suggestions) regarding this publication should be addressed to the TIES Newsletter editor: Ayesha Ali (aali@uoguelph.ca). As Editor, I would like to encourage TIES members to submit items for publication in the Newsletter. I would like to thank the members who responded to my call and contributed to this issue.

Newsletter Board

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TIES Newsletter is a publication of The International Environmetrics Society (TIES). It is published semi-annually, or whenever the need arises by The International Environmetrics Society and distributed to TIES members as part of their annual dues. For questions regarding membership and other benefits, please contact Jorge Mateu at secretary@environmetrics.org.

Objectives of the Newsletter include:

- to keep TIES members informed of what is happening within the Society;

TIES Webpage:
<http://www.environmetrics.org/>