CALL FOR PAPERS

ISESS 2015

MELBOURNE
Australia

March 25-27
2015

The ISESS conference series

The International Symposium on Environmental Software Systems was initiated in 1995 as a forum to present and discuss the fundamentals, progress and trends in this area in terms of methods, tools and state-of-the-art environmental informatics applications. Over the years, it has also evolved into an important networking opportunity for academics, environmental professionals, and other interested parties. ISESS brings together researchers and practitioners dealing with environmental challenges and trying to provide solutions using forward-looking and leading-edge IT technology.

ISESS is organised by Working Group WG5.11 *Computers and Environment* of the *International Federation for Information Processing* (IFIP).

Paper submission and publication

Submissions will be peer-reviewed by the international program committee in a two-stage process. Extended abstracts of 3-4 pages will be reviewed for acceptance and must be based on the template available at the conference site. They shall be in one of the categories: I. Research paper, II. Practice paper, III. Workshop, IV. Tutorial. These categories are treated equally, but we particularly welcome high quality papers demonstrating real world implemen-tation results. Full papers (8-10 pages) are then peer reviewed for quality. Accepted papers will be published in IFIP AICT by Springer publishers, indexed by SCOPUS and ISI.

Conference topics

Environmental modelling and
decision making processes

Computational and data-intensive methods in
environmental and earth system science

Linked data and semantics
in environmental informatics

Integrating ground and remote sensing data
for environmental modelling

Landscape surface process modelling
and data assimilation

Integrating modelling and sensor networks for
environmental management

Geospatial earth observation data cube

National and trans-national environmental
data facilities, services and standards

Big data technologies in
the environmental domain

Environmental applications for
crises and disaster management

Benchmarking systems and methods
for environmental models

General papers on
environmental software systems

Important links

www.isess2015.org
www.ifipwg511.org
www.ifip.org

Deadlines for authors

5/9/14	Extended abstract submission
3/10/14	Notification of abstract acceptance
7/11/14	Full paper submission
28/11/14	Notification of paper acceptance
19/12/14	Revised paper (camera-ready)

20 years ISESS

ISESS is a conference series organized by the International Federation for Information Processing (IFIP), Working Group WG 5.11 "Computers and Environment". ISESS has been held bi-annually in odd-numbered years since 1995. In even-numbered years the WG often organises specific workshops or co-organises sessions at the IEMSS conference (www.iemss.org). ISESS activities have been carried out in the following countries: USA, Austria, Canada, New Zealand, Switzerland, Portugal, Czech Republic and Italy. The conference has been published by the IFIP publishers since 1995. For the 2013 conference, see www.isess2013.org and the Springer web site at:

springer.com/computer/information+systems+and+applications/book/978-3-642-41150-2

Organising committee

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IFIP WG 5.11 Chairman	Gerald Schimak, Austrian Institute of Technology, AT, gerald.schimak@ait.ac.at
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