

Workshop announcement

ISESS  2015

MELBOURNE
Australia

March 25-27
2015



Computational and data intensive methods in environmental and earth system sciences

Convening organisation: National Computing Infrastructure

Computational simulation and analysis of large scale data using advanced computational methods lies at the heart of modern science and the technological advances that underpin current and future generation of services. In environmental and earth system science the need for large scale data analytics is obvious, due to the scale of many problems.

The workshop aims to provide a venue for environmental and earth system science managers, scientists and software developers to discuss software and hardware advances to meet their respective challenges in today's high performance computing environment.

Scientists and developers will present their achievements in the development of techniques and algorithms for today's platforms and can exchange ideas on the use of computing in future research and services. Computer scientists can give an update on their efforts in providing tools, which will help users to exploit the power of new computing architectures.

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Workshop topics

Environmental application requirements of high performance computing

Hardware and software advances in high performance computing

Large scale earth systems and environmental systems modelling and simulation

BigData for environmental applications

National and international computing infrastructures

Links

www.isess2015.org

www.ifipwg511.org

www.ifip.org



www.enviromatics.org