

# NIASRA Contributes to ASC 2014

1 July 2014

NIASRA was a sponsor of the Statistical Society of Australia's biennial Australian Statistical Conference, which was held in conjunction with the Institute of Mathematical Statistics Annual meeting in Sydney on 7-10 July 2014. Over 600 delegates from all areas of statistics joined with world class Australian and International statisticians and mathematicians to develop, network and share their knowledge and expertise. The Conference provided opportunities for presentations on a wide range of topics and recognised the role that statistics plays in all aspects of modern life.

Distinguished Professor Noel Cressie organised a special session highlighting research themes at NIASRA, with the following speakers:

**Sandy Burden:** Zones Issues For Small Area Health Data

**Olena Kravchuk:** Snapshot of Biometry Frontiers

**Amy Braverman:** Probabilistic Climate Model Evaluation

**Marijka Batterham:** Current Issues In Analysis Of Weight Loss Trials: In Search Of The Perfect Diet

A further eight papers were presented by members of NIASRA:

**Emi Tanaka:** Improving Meme Via A Two-tiered Significance Analysis

**Georgina Davies:** Kernel Principal Components Analysis For Remote Sensing

**Mohammad-Reza Namazi-Rad :** Generating A Dynamic Synthetic Population – Using A Age-structured Two-sex Model

**Olivier Thas:** Diagnostic Tests For The Location-shift Assumption

**Payam Mokhtarian:** An Outlier Robust Small Area Predictor For Count And Binary Data

**Robert Clark:** Practical Approaches To Sample Design Using Imperfect Design Information

**Sumonkanti Das:** A Simulation Study To Compare Contemporary Unit Level Small Area Estimation Methods For Poverty Mapping

**Walt Davis:**Confirmatory Vs. Exploratory Methods For The Estimation Of Complicated Factor Analysis Models

A poster is being presented by **Mossamet Kamrun Nesa:** District level child nutrition status in Bangladesh: an application of area-level SAE method

Full details of the conference are available at: [ims-asc2014.com](http://ims-asc2014.com)



Presenters in the NIASRA session at the Australian Statistics Conference (l to r): Dr. Olena Kravchuck (University of Adelaide), Dr. Amy Braverman (Jet Propulsion Laboratory, USA), Distinguished Professor Noel Cressie (UOW), Dr. Sandy Burden (UOW), Associate Professor Marijka Batterham (UOW)