



## The 9th International Conference on Teaching Statistics

“Sustainability in statistics education”

Flagstaff, Arizona, USA  
13 – 18 July 2014

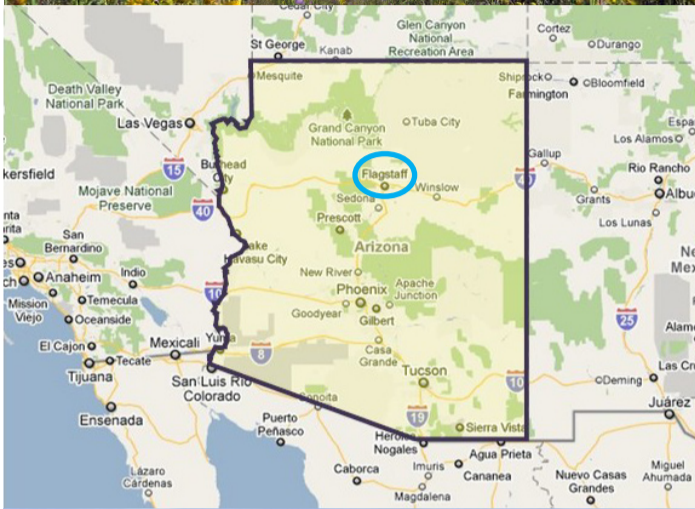
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ICOTS9 is organized by:  
International Association  
for Statistical Education  
[iase-web.org](http://iase-web.org)



International Statistical  
Institute  
[isi-web.org](http://isi-web.org)



ICOTS is held every four years. Its main purpose is to give statistics educators and professionals around the world the opportunity to exchange information, ideas and experiences, to present recent innovation and research in the field of statistics education, and to expand their range of collaborators.

### Flagstaff

The 2014 Conference will be held in the city of Flagstaff, Arizona, USA, in conjunction with the American Statistical Association (ASA).

Flagstaff is the county seat of Coconino County and is named after a Ponderosa Pine flagpole made by a scouting party from Boston to celebrate the United States Centennial on July 4, 1876.

Flagstaff lies near the southwestern edge of the Colorado Plateau, along the western side of the largest contiguous Ponderosa Pine forest in the continental United States. It has a strong tourism sector, due to its proximity to Grand Canyon National Park, Oak Creek Canyon, the Arizona Snowbowl, Meteor Crater and several historic sites, as well as host to the Lowell Observatory and Northern Arizona University.

### Venue

The venue will be the **High Country Conference Center**, Flagstaff, a first-class conference venue providing many halls and meeting rooms and excellent facilities.



### “Sustainability in statistics education”

Statistics Education requires great and ongoing commitment, and is vulnerable to backsliding, reductionism and a multiplicity of miscellaneous pressures both intentional and inadvertent. The word sustain is particularly appropriate in this ongoing work, as it has a number of relevant meanings. It can mean maintain, carry on, keep going, uphold; it can mean nourish, support, feed; and it can mean encounter, experience, undergo, endure. All of these meanings are apt in the many contexts of Statistics Education.

Some possible applications of the theme are:

- ▶ sustaining current strengths in statistics education practice across all school and tertiary levels;
- ▶ sustaining and extending the involvement of the whole statistical community in statistics education;
- ▶ sustaining and extending the links and interaction between statistics educators and statisticians;
- ▶ sustaining international and national collaboration and collegiality within statistics education;
- ▶ sustaining innovation and reform in statistics education across educational levels and disciplines;
- ▶ sustaining education and development of staff who teach statistics and supporting the teaching of statistics in the variety of educational levels and contexts;
- ▶ sustaining the maintenance, usefulness, accessibility and development of statistical teaching resources;
- ▶ sustaining student ownership of their learning in statistics courses and activities;
- ▶ sustaining student engagement in statistics courses across the diversity of student capabilities and motivations;
- ▶ sustaining development of standards in research and scholarship in statistics education;
- ▶ sustaining development of individual students and staff in statistics across the ranges of backgrounds, abilities and contexts;
- ▶ sustaining progress in statistical literacy: for children; citizens; journalists; politicians;
- ▶ sustaining government and community involvement and support;
- ▶ sustaining communication of the value of the discipline;
- ▶ sustaining overall capacity building; teaching sustainability itself, working within uncertainties relevant to applications.

### Topics and Topic Convenors

- ▶ **1: Sustaining strengths and building capacity in statistics education**  
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- ▶ **6: Innovation and reform in teaching probability within statistics**  
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Each topic is divided into sessions. Details of sessions and their organizers are on the website ([icots.net/9/](http://icots.net/9/)). The programme of invited papers within the sessions will be decided by July 2013. Expressions of interest can be sent to the appropriate organizer.

- ▶ **CONTRIBUTED PAPERS**  
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Organisers to be announced

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