

US-Africa Workshop on Quantitative Landscape Ecology and Environmental Sustainability *Durban, South Africa*

July 3-7, 2012, Pre-Conference July 1-2

Post Conference field trip to a nearby Game Park, July 8-12

The Workshop The Quantitative Landscape Ecology and Environmental Sustainability (QLEES) Workshop is part of the U.S.-African Biomathematics Initiative workshop series focusing on biomathematical challenges arising from African issues with global implications. This workshop provides a forum for practitioners devoted to researching critical applications of landscape ecology with particular focus on sustainability of ecosystem services and issues related to global climate change. The workshop also features tutorial sessions to provide early career participants with the appropriate background to ensure participants will get the most out of workshop events.

Location: University of KwaZulu-Natal, Durban, South Africa

Call for Papers QLEES Workshop organizers seek submission of papers on original research in areas of quantitative landscape ecology and environmental sustainability related to the following topics: remote sensing technologies, automated environmental monitoring technologies, automated animal movement monitoring technologies, data management and processing, pattern recognition and landscape classification methods, GIS mapping technologies and landscape ecology, methods in spatial ecology, methods in movement ecology, methods of analysis to address issues of ecosystem sustainability, measurement of biodiversity, and indicators of ecosystem health.

Submissions To contribute a paper or a poster, please send title/abstract to Christine Spassione at spassion@dimacs.rutgers.edu no later than **April 1, 2012** with an indication of your preference as to oral or poster presentation. You will be notified of acceptance of your paper as soon as possible after you submit it. For questions or more information, see the website or contact Eugene Fiorini, Associate Director of DIMACS and Program Coordinator (usai@dimacs.rutgers.edu).

Graduate Student Support Financial support for travel and lodging is available to graduate students. Deadline for full consideration is **March 1, 2012** or until all the spots are filled. Review of graduate student applications begins as soon as there are applications.

The Workshop is organized by the Center for Discrete Mathematics and Theoretical Computer Science (DIMACS) and the Mathematical Biosciences Institute (MBI), with funding provided by the US National Science Foundation, the Society for Mathematical Biology, the University of KwaZulu-Natal and other sponsors.

<http://dimacs.rutgers.edu/Workshops/Landscape/>

