



THE AFRICAN ASSOCIATION OF REMOTE SENSING OF THE ENVIRONMENT (AARSE)

(<http://www.itc.nl/aarse/>)

## **AARSE – ESA Award**

**6th AARSE 2006 CONFERENCE**

**Cairo Egypt, 30 October -2 November 2006**

### **Awards Committee Members**

Prof Harold Annegarn, South Africa – Convener  
Prof S. M. Arafat, Egypt, Conference General Secretary  
Dr Diego Fernandez, Portugal, European Space Agency  
Prof Peter Zeil, Austria, AARSE Advisory Panel

### **AWARDS WERE MADE IN TWO CATEGORIES**

- Best poster at conference
- Best paper presented at conference

Evaluation of papers in each session were done by the Chair, the Co-chair and three volunteer members of the audience, and scored on a categorical scale 1 to 5 based on scientific merit, content and clarity of presentation. The scores were then collated by the panel. A further criterion was applied, namely that the paper should have been submitted as a full manuscript prior to the conference for inclusion in the AARSE 2006 Conference Proceedings.

### **The Awards Committee made the following findings.**

#### **1. Best Poster Presented to Conference to Safa M. Hassan *et al.* for their poster:**

*“Characterization of Oligocene Sands and Gravels on Terra Aster Images Using Spectral Signature and Principal Component Analysis, Wadi Ghoweiba, Northwest Gulf of Suez, Egypt”*

**Safa. M. Hassan<sup>1</sup>**; M. M. Abdeen<sup>1</sup>; M. A. Yehia<sup>2</sup>; G. M. Atya<sup>3</sup>; Y. A. H. A. EL-Kazzaz

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2. Geology Dept., Faculty of Science, Ain Shams Univ., Cairo, Egypt
3. Geology Dept., Faculty of Science, Helwan Univ., Cairo, Egypt

#### **2. Best Paper Presented to Conference**

In the case of the best paper, there were six papers scoring equally within the standard deviation of the evaluation technique, that appeared in the conference proceedings. The Committee decided to make a Joint Award for Best Paper Presented to Conference to the following:

##### **A) Yousif Hussin *et al.* for their paper**

*Estimation of Above Ground Biomass of Dry Savannah Trees in Serowe Savannah Woodland, Botswana Using Remote Sensing and GIS*

B. R. Mabowe, A. de Gier, **Y. A. Hussin** and M. Lubczynski and O. T. Obakeng.  
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**B) Molly Brown and Christopher Funk for their paper**

*Vegetation Monitoring in Semi-Arid Africa for Food Security Early Warning: Integrating NDVI with Food Prices and NDVI Projections for Earlier Early Warning*

**Molly E. Brown**, SSAI/NASA Goddard Space Flight Center,  
Christopher C. Funk, University of California at Santa Barbara

**C) Hoda Baraka et al.** for their paper

*The Establishment of the Egyptian Geographic Network EGN; Review the Development Phases, Lesson Learned and the Impact on the GIS Industry in Egypt*

**Hoda BARAKA**<sup>1</sup>, Hesham EL-DEEB<sup>1</sup>, Mohamed ABDELKADER<sup>1</sup>, Mostafa RADWAN<sup>2</sup> and Mostafa BARAKA<sup>3</sup>

- 1- Ministry of Communication & Information Technology, Egypt
- 2- International Institute ITC, Enschede, the Netherlands
- 3- Faculty of Engineering, Cairo University, Egypt

**D) Lobina Palamuleni et al.** for their paper

*Land Cover Mapping over the Shire River Catchment in Malawi Using Landsat Satellite Data*

**Lobina Palamuleni**<sup>1,2</sup>, Tobias Landmann,<sup>3</sup> Harold Annegarn<sup>2</sup>  
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2. University of Johannesburg, Department of Geography, Environmental Management and Energy Studies, Kingsway Campus, P.O. Box 524, Auckland Park, 2006, South Africa;
3. Remote Sensing Chair of German Aerospace (DLR), Am Hubland, 97074 Wuerzburg, Germany

**E) Marilyn Govender et al.** for their paper

*Evaluation of Medium to High Resolution Earth Observation Data to Detect Winter-Time Plant Water Status as an Indicator of Groundwater Access by Trees*

**M Govender**<sup>1,2</sup>, A Clulow<sup>2</sup>, P Dye<sup>2</sup>, V Naiken<sup>2</sup>, J Xaba<sup>2</sup>, and F Ahmed<sup>3</sup>  
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- 3 Remote sensing GIS and spatial modelling, School of Environmental Sciences, University of KwaZulu Natal, Durban 4041, South Africa

**F) Hamdy El-GAMILY and Tarek EL-DAMATY** for their paper

*GIS Risk Assessment for Avian Influenza (Birds Flu) Outbreak Case Studies: Global Level and State of Kuwait*

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