



International Association of Geomorphologists

Association Internationale des Géomorphologues

IAG/AIG Newsletter No. 28 (2/2012)

From the Editor's Desk

Dear Geomorphologists

I thank you all for your kind help and co-operation in enabling me to publish the newsletter on time. I request that you continue this co-operation in order that future issues of the newsletter continue to be published on time.

Sunil Kumar De

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1. Obituary

Dr. Sudip Dey (28.12. 1971- 30.06.2012)



Dr. Sudip Dey was born at Medinipur town of West Bengal, India. He studied in Medinipur Collegiate School upto Higher Secondary class, Chandernagore Government College at Undergraduate level and obtained his Masters degree from DAV College, Kanpur under Kanpur University in 1994. He had received his Ph.D. degree from Vidyasagar University, West Bengal, India in 2005 for his research work on "Environmental Problems along Digha-Shankarpur Coastal Tract and their Impact" under the supervision of Prof. G. P. Chattopadhyay. Dr. Dey had received the 'PROF. N.P. AIYER YOUNG GEOGRAPHERS AWARD' in 2004.

Dr. Dey started his professional career as an Asst. Teacher in a Higher Secondary school in 1997. He left the School to join in the Department of Geography, Agartala Women's College, Tripura as an Asst. Professor on 16th January, 2004. In the same year on 3rd December he had finally joined in the Department of Geography and

Disaster Management, Tripura University as a Lecturer and continued in the same post till the end of his life. He was one of the founder members of the Department.

In his short span of life Dr. Dey had published 40 research papers in different national and international journals, was carrying out two research projects and became a member of Editorial Board of two reputed journals. He had established the Ministry of Earth Sciences, Govt. of India funded GPS Station in Tripura University in 2012 for monitoring the movement of plates. His specializations were Coastal Geomorphology, Micro- and Tectonic Geomorphology.

He has left all of us on June 30, 2012. The vacuum created by his sudden demise is very difficult to fill up.

May his soul rest in peace.

Sunil Kumar De, IAG/AIG Publication Officer

2. Publications

Asrat, A. & Zwoliński, ZB., Geoheritage: from Geoarchaeology to Geotourism. Editorial. *Quaestiones Geographicae* 31(1), Bogucki Wydawnictwo Naukowe, Poznań 2012, pp. 5–6. DOI 10.2478/v10117-012-0011-y, ISSN 0137-477X.

The presented volume, apart from regular scientific articles, comprises a set of six papers under joint title **Geoheritage: from geoarchaeology to geotourism**. Geoheritage seems to be the most spacious concept – not only does it fulfill geological and geomorphological, but also natural environment protection and cultural landscape modern scientific standards. Each paper, based on geographical environment study, indicates specific connections with human-affected history and indicates the need to protect investigated objects or areas. Pre-Quaternary geological and morphological structures of British Isles are described by Piotr Migoń and Andrew Goudie, who conclude that despite deposits of consecutive glaciations, existing landforms evidenced even earlier natural history of this area. Geoarchaeological scientific trend is represented in Eric Fouache *et al.*'s paper, in which the authors reconstruct morphological changes in Shrine Letoon (Turkey) area. An interesting example of single landform (sinkhole) description and valorization is depicted in paper of Paola Coratza *et al.*, who indicate on possibilities of sinkhole's touristic usage (Malta). Extremely interesting scientific approach to geodiversity employed within a multi-disciplinary framework is presented by Michael Thomas, who brings up issues of geomorphic complexity, landscape sensitivity and connectivity between different landscape elements.

Geodiversity, geoarchaeology and geoheritage information usage in geotourism is presented in the two last papers by Asfawossen Asrat *et al.* and Zbigniew Zwoliński and Jakub Stachowiak. The former authors describe geotouristic values of fascinating Simien Mts. in the paper, which is a natural continuation of their book *Geotourism in Ethiopia*. The latter authors consider connections between geodiversity merits and touristic routes in the Tatra National Park (Poland).

Zbigniew Zwoliński, IAG/AIG Webmaster

3. Young Geomorphologists Section

a. CALL for GRANTS for the IAG/AIG International Workshop on “Objective Geomorphological Representation Models: Breaking through a New Geomorphological Mapping Frontier” Salerno – Cilento & Vallo di Diano Geopark, Italy, 15-19 October 2012

The International Association of Geomorphologists (IAG/AIG), the University of Salerno and the National Park of Cilento & Vallo di Diano offer **5 grants** of 500 (five hundred) Euros each to YOUNG GEOMORPHOLOGISTS (under 35 yrs old) who are willing to take part in the IAG/AIG International Workshop on *Objective Geomorphological Representation Models: Breaking through a New Geomorphological Mapping Frontier*. The grant holders will also be exempted from paying Workshop registration fees.

The *aim of the Workshop* is to focus on Geomorphological Mapping which has seen a resurgence in recent years due to the impressive power of morphometric analysis, remote sensing and other computational concepts and tools. This is also reflected in the worldwide renaissance of textbooks on geomorphological mapping and geomorphometry. The Workshop will include a number of keynote lectures by leading researchers in the field, followed by extensive discussion sessions. A one-day field/on-boat trip in the Cilento & Vallo di Diano Geopark will follow. The granted participants will be requested to attend a three-day Intensive Course on GIS-based Geomorphological Mapping (13-15 October) under the tutorship of GIS-expert, senior geomorphologists. The deadline for Abstract submission is 30 June.

For further information on the Workshop, Intensive Course and Grants please visit: <http://www.geomorph.org>

Mauro Soldati, IAG/AIG Training Officer

b. CALL for IAG/AIG GRANTS for the Workshop on Dryland Geomorphology Gobabeb, Namibia, 8-12 September 2012

The International Association of Geomorphologists (IAG/AIG) offers 3 grants of 350 Euros to young Geomorphologists (under 35 yrs old) from AFRICA (except South Africa) who are willing to take part in the a Dryland Geomorphology Workshop, to be hosted by South African Association of Geomorphologists and supported by the Royal Geographical Society, to be held at Gobabeb Desert Research Station, Namibia, which is celebrating 50 years of Dryland Research. More information on the IAG/AIG website www.geomorph.org

Mauro Soldati, IAG/AIG Training Officer

4. IUGS

The IUGS recognizes the activities of IAG/AIG and publishes the link of IAG/AIG Newsletter in their E-bulletin regularly. Prof. Morgan De Dapper, the Secretary General and other EC members of IAG/AIG have taken proper initiative to establish the relationship with IUGS. The annual report of IAG/AIG sent to the IUGS has also been appreciated.

5. 8th International Conference on Geomorphology (8th ICG)

2nd Circular for 8th IAG/AIG International Conference on Geomorphology “Geomorphology and Sustainability” in Paris, August 27-31, 2013. Abstract submission is now open and will be closed on October 15. More details on the IAG/AIG Webpage: www.geomorph.org. You are all most welcome to attend this major geomorphological event at the end of August 2013!

RENDEZ-VOUS IN PARIS!

Monique FORT and Marie-Françoise ANDRÉ, *Presidents of the Scientific Committee, 8th ICG*

Details of Technical Sessions and corresponding Chairpersons:

| Sess. No. | Title of the technical session | Chairperson/s |
|------------------|---|--|
| S1 | History and epistemology of geomorphology | Vic BAKER |
| S2 | Geomorphology and earth system science (IAG-WG) | Nick CLIFFORD |
| S3 | Planetary geomorphology (IAG-WG) | Mary BOURKE & Nicolas MANGOLD |
| S4 | Megageomorphology | Jorge RABASSA & Clifford OLLIER |
| S5 | Tectonic geomorphology (including neotectonics and paleoseismology) | Doug BURBANK & Francisco BEZERRA |
| S6 | Volcanic geomorphology: towards a quantitative assessment of volcanic landforms, processes and hazards | Jean-Claude THOURET & Paola FREDI |
| S7. | Magnitude and frequency in geomorphology including: | Stuart LANE & Thomas GLADE |
| S7A - | <i>Extreme events in geomorphology (IAG-WG)</i> | Samuel ETIENNE & James P. TERRY |
| S8 | Geomorphic processes and long term landscape evolution | Yanni GUNNELL & Leszek STARKEL |
| S9. | Rock control on geomorphic processes and landforms including: | Piotr MIGÓN |
| S9A - | <i>Sandstone geomorphology (Danxia IAG WG), extended to quartzites</i> | Piotr MIGÓN |
| S9B - | <i>Karstic geomorphology: from hydrological functioning to palaeoenvironmental reconstructions</i> | Philippe AUDRA & Francisco GUTIÉRREZ |
| S10 | Quaternary geomorphology (including FLAG, GLOCOPH and PAGES-LUCIFS) | Margot BÖSE |
| S11 | Geomorphology and global environmental change | Olav SLAYMAKER |
| S12-16. | Anthropocene geomorphology | Andrew GOUDIE |
| S12. | <i>Geoarchaeology (IAG-WG)</i> | Kosmas PAVLOPOULOS & Vanessa HEYVAERT |
| S13. | <i>Human impacts on landscapes (IAG-WG)</i> | Asfawossen ASRAT, Andrew GOUDIE, Paul HUDSON |
| S14. | <i>Geomorphic hazards, risk management and climate change impact (IAG-WG)</i> | Irasema ALCÁNTARA AYALA, Sunil Kumar DE, Adriana NIZ |
| S15. | <i>Geoconservation, geotourism and education including:</i> | |
| S15A - | <i>Anthropogenic drivers of cultural stone deterioration and conservation</i> | Patricia WARKE & Stephen McCABE |
| S15B - | <i>Geomorphosites (IAG-WG) including geoparks and WHS</i> | Emmanuel REYNARD, Paola CORATZA, Dominique SELLIER |
| S15C - | <i>Managing landscape dynamics in protected areas</i> | Maria Luisa RODRIGUES & Tim BADMAN |
| S15D - | <i>Teaching and disseminating geomorphology</i> | David HIGGITT |
| S16 | <i>Forum francophone : la géomorphologie au service du développement durable</i> | André OZER & Mario PANIZZA |
| S17 | Geomorphology and the Critical Zone (including weathering, soils, biogeomorphology) | Heather VILES & Sartohadi JUNUN |
| S18 | Hillslope processes and mass movements S18A - CERG Subsession: Methods for landslide hazard and risk assessment | Mauro SOLDATI, Mihai MICU, Jordi COROMINAS, Jordi COROMINAS, Thomas GLADE, Jean-Philippe MALET |
| S19. | Fluvial geomorphology and river management including: | Janet HOOKE & Gary BRIERLEY |
| S19A - | <i>- Large rivers (IAG-WG)</i> | Avijit GUPTA & Zhongyuan CHEN |
| S19B - | <i>Small catchments (IAG-WG)</i> | Andrzej KOSTRZEWSKI |
| S19C - | <i>Sediment fluxes and morphodynamics of stream channels</i> | Alain RECKING, John PITLICK, Mike CHURCH & Nicola SURIAN |
| S19D - | <i>Other sub-sessions (e.g. river management and restoration)</i> | Janet HOOKE & Gary BRIERLEY |
| S20 | Sediment budgets (IAG-WG covering all environments) | Achim A. BEYLICH & Armelle DECAULNE |
| S21 | Coastal geomorphology and management including: | Edward ANTHONY |
| S21A - | <i>Reef forms (IAG-WG)</i> | Chris PERRY, Paul KENCH, Scott SMITHERS |

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|------------|--|---|
| S21B - | Rocky coasts (IAG-WG) | David KENNEDY & Wayne STEPHENSON |
| S21C - | Other sub-sessions | Edward ANTHONY |
| S22 | Submarine geomorphology | Klaus SCHWARZER & Sebastian KRASTEL |
| S23 | Aeolian systems and arid geomorphology (including subarid margins) | YANG Xiaoping & Martin WILLIAMS |
| S24 | Tropical geomorphology including: S24A - Tropical rivers | Vishwas KALE, Edgardo LATRUBESSE, Robert WASSON |
| S25 | Cold region geomorphology including: | |
| S25A - | Glacial and paraglacial geomorphology | Jasper KNIGHT & Stephan HARRISON |
| S25B - | Permafrost and periglacial geomorphology (in coop. with IPA) | François COSTARD |
| S25C - | Mountain geomorphology | Francesco BRARDINONI & Lothar SCHROTT |
| S26 | Methods in Geomorphology including: | |
| S26A - | Modelling in geomorphology | John WAINWRIGHT |
| S26B - | Remote sensing (including laser scanning, applications of radar, etc.) | Thomas DEWEZ & Dirk RIEKE-ZAPP |
| S26C - | DEMs, GIS and spatial analysis | Takashi OGUCHI & Christopher GOMEZ |
| S26D - | Statistics in geomorphology | Ian EVANS & Delphine GRANCHER |
| S26E - | Dating methods (including cosmogenic nuclides) | Andreas LANG & Susan IVY-OCHS |
| S26F - | Applied geomorphological mapping (IAG-WG) | Michael SMITH, Paolo PARON, Jim GRIFFITHS |
| S27 | Young Geomorphologists Session | Etienne COSSART, Johnny DOUVINET, Stuart LANE |
| S28 | Open session | |

6. Upcoming Seminars/Conferences/Workshops/Training Programmes

i. Italy

IAG/AIG International Workshop on *Objective Geomorphological Representation Models: Breaking through a New Geomorphological Mapping Frontier*. Salerno, Italy, October 15-19, 2012 is postponed to the 31st of July 2012.

ii. Sri Lanka

4th International Conference on GIT4NDM scheduled to be held during 14-15 August 2012 in Colombo, Sri Lanka is postponed to 7 and 8 November 2012. Dr. Nitin Kumar Tripathi, Organising Secretary, GIT4NDM 2012. E-mail: nitingis@gmail.com

iii. Brazil

9° National Symposium on Geomorphology - Brazilian Geomorphological Union, Rio de Janeiro (RJ), October, 21-24 2012. Information: www.ugb.org.br/ www.sinageo.org.br

Editor's Note

The success of the IAG/AIG Newsletter depends upon the contributions that we receive. On behalf of IAG/AIG, I would request you to assist us by supplying information related to the forthcoming activities and innovations in geomorphology in your respective countries (commentaries, reviews of regional or national meetings and field trips, summaries of issues pertinent to geomorphology and announcements of future meetings and workshops. Your contributions should be forwarded to the IAG/AIG Publications Officer.

Published by

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