

Report on the 9th International Conference on Geomorphology And post-conference Intensive Course for Young Geomorphologists

Hadi Karimi

Kharazmi University of Tehran, Iran hadi.karimi22@gmail.com

The 9th International Conference on Geomorphology of the International Association of Geomorphologists (IAG) took place in New Delhi at Vigyan Bhawan from 6 to 11 November, 2017. The main theme of this Conference was “Geomorphology and Society”. The Conference organized by the Indian Institute of Geomorphologists and open to all scientists and practitioners, this Conference included scientific sessions, keynote lectures and a Workshop devoted to Young Geomorphologists.



Figure 1. Entrance of the Conference hall, Vigyan Bhawan, New Delhi

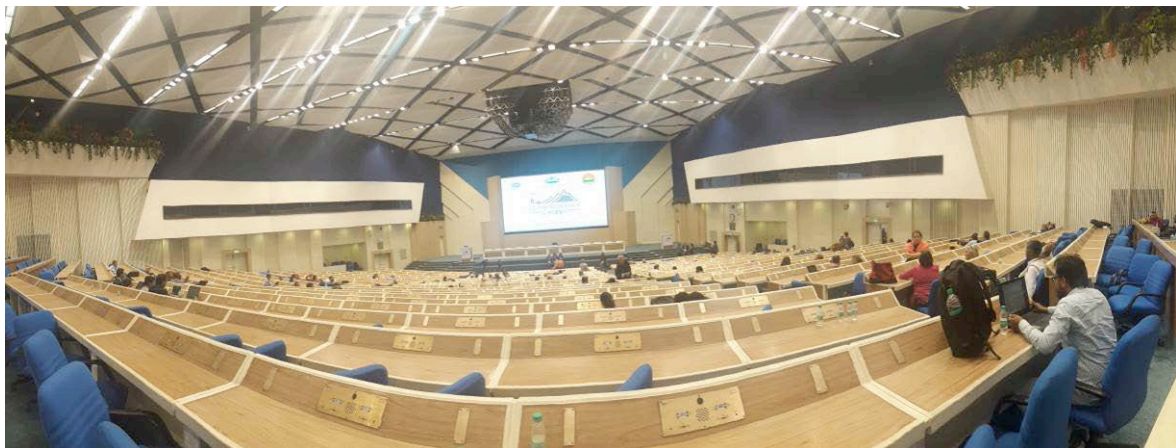


Figure 2. Lectures in the Conference



Figure 3. Lectures in the Conference



Figure 4. The Conference closing ceremony



Figure 5. In the Conference Hall

IAG-EGU Intensive Course on 'Geomorphology Field Training in tectonically active mountain regions' For the Young Geomorphologists (Dehradun-Mussourie-Paonta-Sataun)

Aims and Scope

The Intensive Course was an extraordinary occasion for Young Geomorphologists, and especially for those from less-favoured countries, to

- lincrease their knowledge and experience in geomorphological research.
- Ddiscuss their learning and research experience with young colleagues from different countries.
- Mmeet experienced scientists and early career researchers in an informal setting, which favours scientific discussion.

The Intensive Course was focused on pioneering techniques, innovative and multidisciplinary approaches to be used in geomorphological field work in tectonically active regions.

Itinerary

DAY 1 (12.11.2017)

Travel from Delhi to Dehradun, Assembly, Briefing for Field Training Session and Discussions

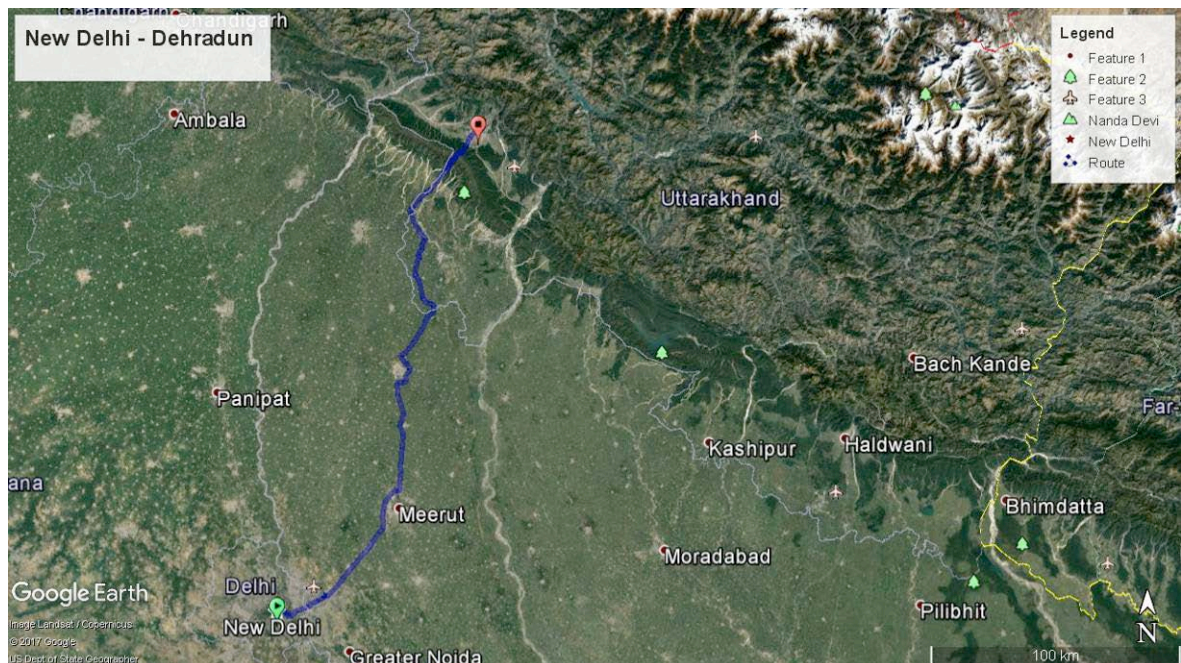


Figure 6. Travel from Delhi to Dehradun



Figure 7. Ice-Break Party in Dehradun

DAY 2 (13.11.2017)

Lectures

Lectures and practical training was dealing with the geomorphic response to active tectonic deformations and climate at different space and time scales. In particular they encompassed:

- Geomorphic and chronological methods for calculating deformation rates from the orogen scale to the single structure scale.
- Field and geomorphometric analyses of transient landscapes, with focus on the interactions among tectonics, climate, drainage network dynamics and landslides.

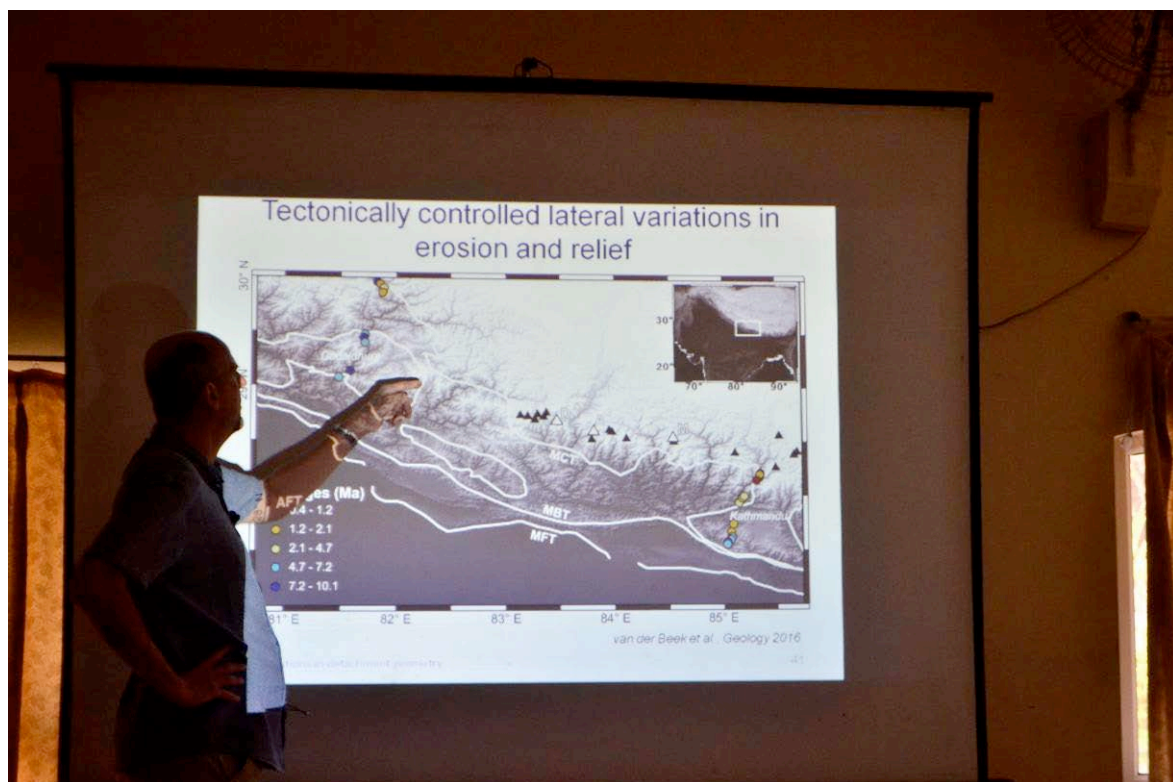


Figure 8. Lecture by Prof. Peter van der Beek

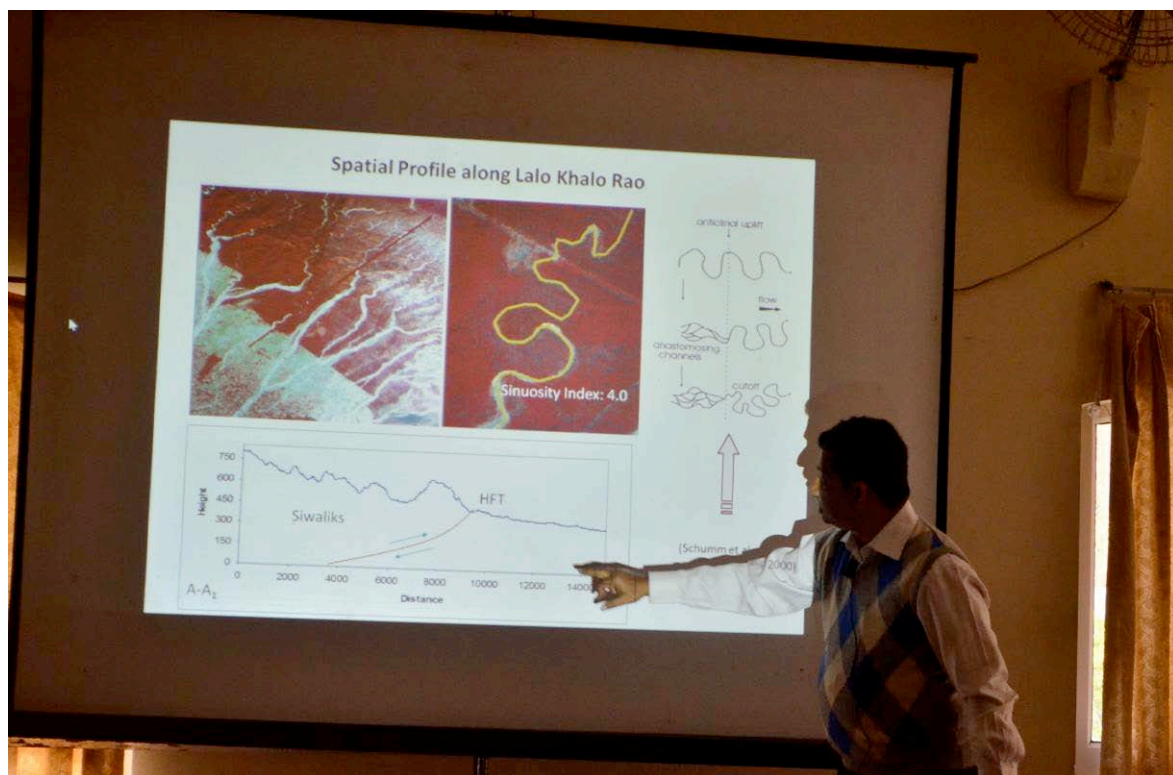


Figure 9. Lecture by Prof. P. K. Champati Ray



Figure 10. Lecture by Prof. Mauro Soldati



Figure 11. Lecture by Prof. Gisueppe Mastronuzzi



Figure 12. Lecture by Prof. Irasema Alcantara Ayala

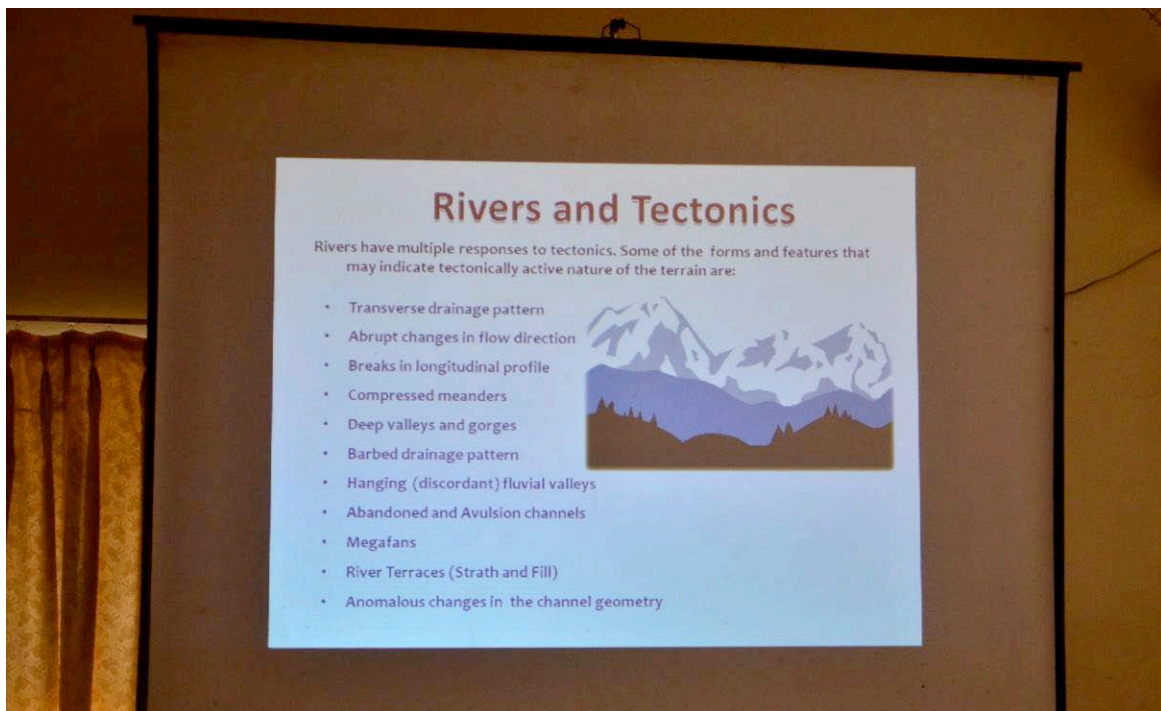


Figure 13. Lecture by Prof. V. S. Kale



Figure 14. Lecture by Dr. George Philip

DAY 3 (14.11.2017)

Dehradun to Mussourie

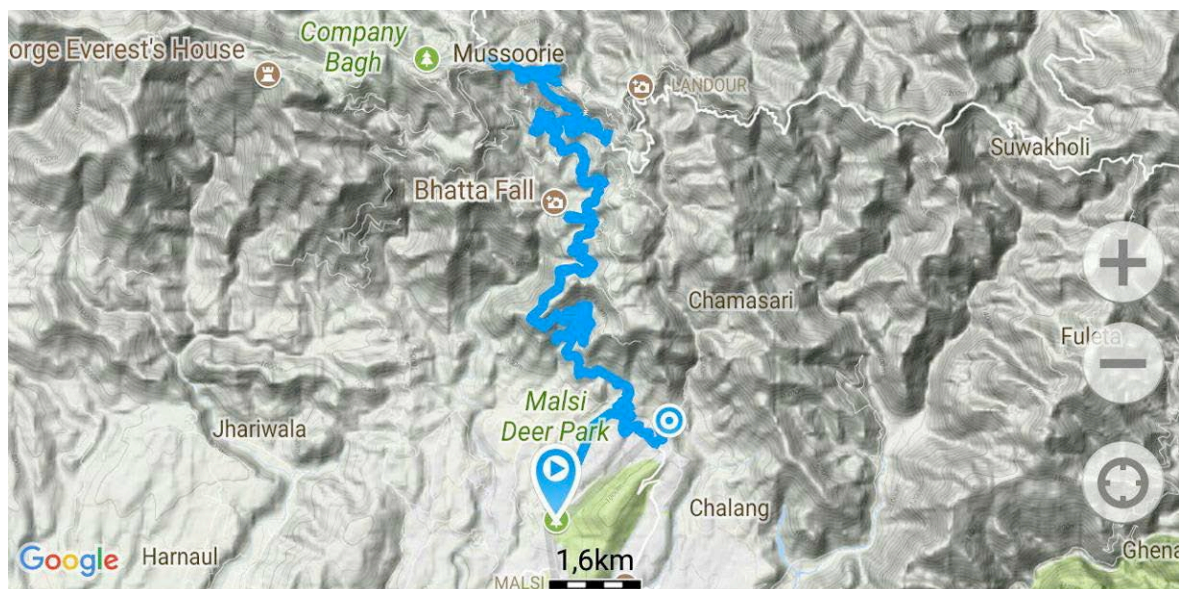


Figure 15. Dehradun to Mussourie



Figure 16. In front of the Hotel



Figure 17. In the bus



Figure 18. Landslide in the mountains of Mussoorie



Figure 19. Packed Lunch



Figure 20. Dehradun-Mussourie section



Figure 21. GPS station in Mussourie



Figure 22. Krol Formation

DAY 4 (15.11.2017)

Dehradun to Paonta and Sataun

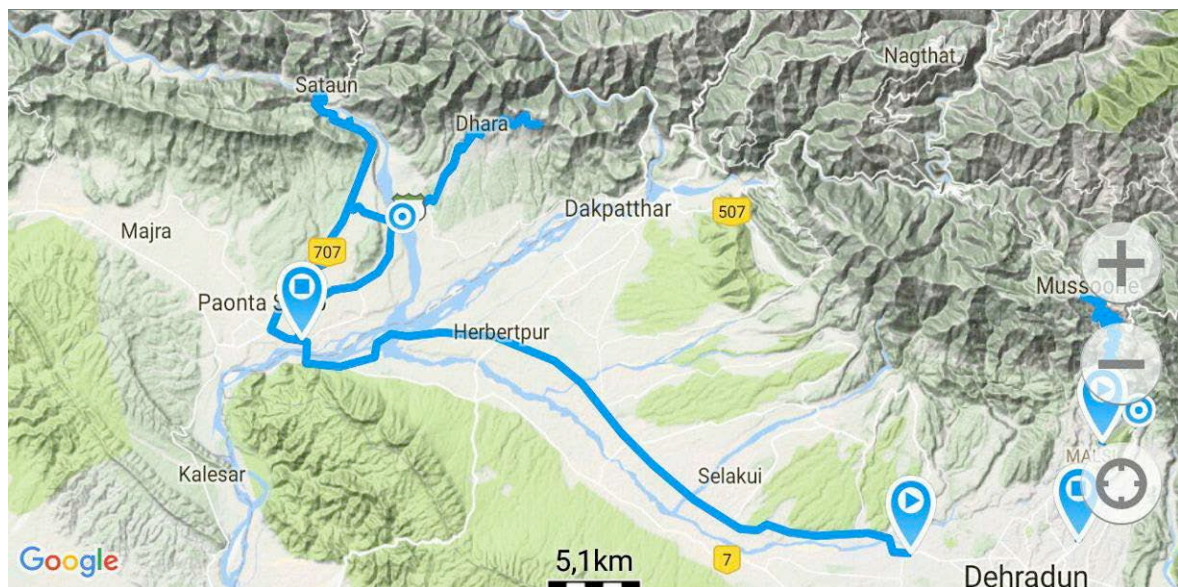


Figure 23. Dehradun to Paonta and Sataun



Figure 24. Active fault and landslides around Sataun



Figure 25. In the Doon valley



Figure 26. Lunch at Paonta



Figure 27. Active tectonics landforms in Dehradun valley



Figure 28. Active fault and landslides around Sataun



Figure 29. In Dehradun Valley



Figure 30. Last night in Dehradun

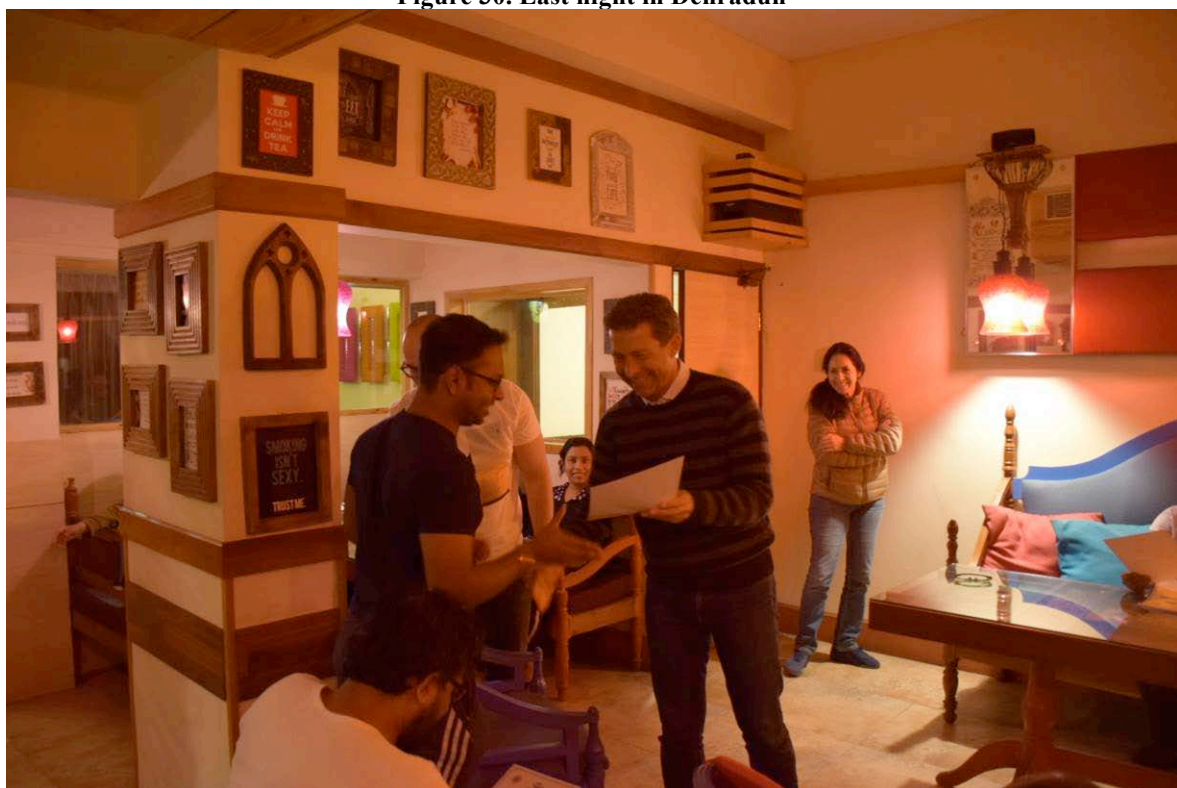


Figure 31. Giving certificate to participants

DAY 5 (16.11.2017)

Back to Delhi



Figure 32. Lunch in the midway restaurant

Scientific and human experience

Travel to India was an incredible experience because of human and cultural diversity in this country. I believe that visiting the professors and students from all over the world is one of the most remarkable achievement of the conference and lateral connections helps us to enrich both human and scientific experiences.

Since my field of study is tectonic geomorphology and the main theme of intensive course and field work for young geomorphologists was tectonics, it was a great chance to increase my knowledge in tectonics studies. In fact I was familiar with many of the lecture topics that presented during the first day of the course and some of the introduced techniques and models were new approaches in tectonic studies and will be very useful in my recent and future works.

Acknowledgments

Financial support of IAG that provided the opportunity to attend the conference is greatly appreciated. I am grateful to Prof. Soldati, Prof. Kumar De and all other IAG and IGI authorities for their effort to manage the conference and intensive course for young geomorphologists.