

*International Union of Geological Sciences
Commission on Tectonics & Structural Geology*

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TecTask webpage: <http://www.tectask.org/>

Commission on Tectonics & Structural Geology

Summary Report 2016-2020

I. Main activities

1. Terminology & Standards initiative with a wiki-like Internet Platform (2017) with more than 200 checked and referenced terms used in ST & T;
2. Renewed Outcropedia portal (2018) with nearly 800 photos of the best outcrops in the world subdivided into 15 categories;
3. Monthly world Web Cast seminars on Structural Geology and Tectonics uploaded to the TecTask YouTube channel (started in 2018) with 19 online seminars, more than 600 subscribers and more than 18,000 total views;
4. TecTask meeting May 2019, Torino (Italy) to check the status of TT and to discuss the future directions of the commission;

5. Major contributor and player at the 2020 IGC in Delhi. TT proposed the theme 27 “ROCK DEFORMATION AND RHEOLOGY” with 6 symposia with nearly 170 abstracts accepted, TT is actively involved in theme 11 “THE HIMALAYA – ANATOMY OF AN EVOLVING MOUNTAIN CHAIN” with more than 180 abstracts accepted (before the conference was postponed). TT officers are involved in key note, symposia and in a Plenary Talk delivery (B. Hobbs).

II. Communication and visibility of the TecTask commission

6. TecTask Webportal has been renewed in 2017 and it is the arena for communication and exposure to the public and science community;
7. Two pages on the social network Facebook have been created (2017) to quickly communicate and discuss with the community of SG & T;
8. Two contributions to IUGS Bulletin about Terminology in SG & T and Outcropedia
9. An article at the Italian magazine Geologicamente on Outcropedia,. This is the divulgative journal of the Italian Geological Society. See page on:
<https://www.socgeol.it/460/geologicamente-n-2.html>

III. Congresses and workshops

10. Organization of a TecTask Workshop IIT Kharagpur (India) in close relation to the 36th IGC Delhi 2020 entitled: "STRUCTURAL GEOLOGY IN THE 21st CENTURY". 15 international invited speakers and 180 registered participants attended the workshop from 26th to 28th February 2020;
11. Organization of successful YORSGET conferences and workshops for knowledge sharing, exchange and training opportunity for young scientists in SG & T: 2020 Catania (Italy) (postponed to June 2021 due to covid-2019); 2018 Montgenevre (France);
12. Deformation, Rheology and Tectonics (DRT) meeting is organized every two years with the support of the TecTask: DRT 2021 Catania (Italy); DRT 2019 Tübingen (Germany); DRT 2017 Aberdeen (UK);

IV. Training and education - Structural Geology and Microtectonics courses and geological field trips

13. Organization of a course on Microtectonics (Mainz; Germany), 4 days, every year;
14. Three days course “Microtectonics and laboratory studies”, 2017, Kathmandu (Nepal);

15. Structural geology field trip in Sicily (Italy): 6 days 2017;

16. Modern Methods of Fabric Analysis in Deformed Rocks, 2016 IIT Kharapur

V. Transition to a new International Association

17. IUGS recommended that the Tectonics & Structural Geology commission evolves to form an International Association of Structural Geology and Tectonics. The executive committee, including the new TecTask officers for the period 2020-2024, have started to design the new association, and define its focus and main activities with a selection of key people in the community. The aim is to create this association during this mandate.