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**Report on the UNISDR Science and Technology Conference on the implementation of the  
Sendai Framework for Disaster Risk Reduction 2015-2030.**

Prepared by

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## UNISDR Science and Technology Conference, Geneva, Switzerland

The UNISDR Science and Technology Conference on the implementation of the Sendai Framework for Disaster Risk Reduction 2015-2030 was held at Geneva International Conference Centre (CICG) Geneva, Switzerland from 27-29 January, 2016. The key organizer for the conference were United Nations Office for Disaster Risk Reduction (UNISDR) and Scientific and Technical Advisory Group (STAG) along with IAP (The Inter Academy Partnership), European Commission, WHO (World Health Organization), ICSU (International Council for Science) and several other co-organizers and sponsors.

The conference aimed to integrate the ideas, technology, know-how and experiences from the diversity of the science and technology community, policy makers, practitioners and researchers from different part of the world. The main motto was to discuss about the implementation policy of Sendai Framework for Disaster Risk Reduction.



Romana Siddique, a young scientist from Bangladesh was sponsored by IAP to attend the conference and presented a poster titled "Environmental disaster protection from textile sludge: A biotechnology based approach" under work stream 3. Discharging textile dyes without appropriate treatment into the environment is causing serious damages to the nearby eco life for many countries as well as for Bangladesh. In the project, textile dye degrading bacteria were isolated from the textile sludge which can be used for the treatment of textile

effluent in the form of microbial consortia.

The whole event was divided into four work streams and several side events. This conference promoted and supported the availability and application of the science and technology to decision-making in Disaster Risk Reduction. The conference launched the partnership for the implementation of the Sendai Framework. In addition to this, separate topic wise discussions were made. The Science and Technology (S&T) road map was endorsed after open end sessions. UNISDR invites organizations, institutions, networks and platforms working on disaster risk reduction to join the Science and Technology Partnership in the context of Sendai framework based priority areas.

In side Event 4 (The Role of Youth in the application of Science for Disaster Risk Reduction), the importance of role of youth in the application of science and technology as enablers for implementing and monitoring new approaches, methods to reduce the disaster risk reduction was discussed.

The most interesting session was the poster session fed by numerous Government, International or Non-Government organization, research firms, academics, policy makers and scientists. There were so a many ideas with different technological aspects including but not limited to the disaster formation to remedy and aftermath. Systematic approach, suggestions and guideline were mentioned in many articles whilst some of them contained the summary or plan of their organizations, procedure to handle a disaster's pre and post-operative condition.