
International Session (Oral) | Symbol H (Human Geosciences) | H-DS Disaster geosciences

[H-DS06]Natural hazards impacts on the society, economics and technological systems

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The last decade set a sad record in the number and scale of natural disasters and clearly demonstrated high vulnerability of human society and technosphere to their impacts. The most serious consequences have the so-called natural-technological disasters that have place when natural hazards trigger accidents at technological objects such as nuclear power plants, chemical plants, oil refineries and pipelines, etc. A distinctive feature of natural-technological events, such as of the 2011 Tohoku earthquake, is their multihazard and synergistic nature with a disaster impact on the technosphere, resulting in simultaneous occurrences of numerous technological accidents. The main goal of this multidisciplinary session is to summarize case studies of relationships between natural hazards and technological disasters, their social and economic consequences; and to encourage a discussion about tools and methods to prevent disasters and to minimize their consequences, disaster reconstruction, tourism for reconstruction, Eco-DRR, green infrastructure.

9:00 AM - 9:05 AM

[Introduction]Introduction