

**INTERNATIONAL PLATFORM FOR
REDUCING EARTHQUAKE DISASTERS
(IPRED)**

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INTERNATIONAL PLATFORM FOR REDUCING EARTHQUAKE DISASTERS (IPRED)

- ***exchange information*** regarding seismology and earthquake engineering in order to reduce earthquake disaster, especially on buildings and housing.
- ***establish a system to dispatch experts to an earthquake stricken country in order to carry out post-earthquake field investigations*** and draw lessons for future risk reduction

- **Chile:** Universidad Catolica de Chile
- **Egypt:** National Research Institute of Astronomy and Geophysics
- **El Salvador:** Unuversidad de El Salvador
- **Indonesia:** Research Institute for Human Settlements
- **Japan (CoE):** International Institute of Seismology and Earthquake Engineering
- **Kazakhstan:** Institute of Seismology, Ministry of Education and Science
- **Mexico:** National Center for Disaster Prevention
- **Peru:** Japan-Peru Center for Earthquake Engineering and Disaster Mitigation
- **Romania:** Technical University of Civil Engineering Bucharest
- **Turkey:** Istanbul Technical University



1st IPRED meeting, Paris, 2008

Achievement: Exchange and Share Information

IPRED Workshops/Symposium and Publications

2008: 1st session of IPRED in Paris

2009: 2nd session of IPRED with Workshop
in Turkey

Publication "Make the People a Part of the Solutions"



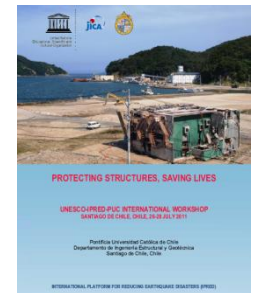
2010: 3rd session of IPRED with Workshop
in Indonesia

*Publication "Surveys and Activities on
Post-Earthquake Disaster"*



2011: 4th session of IPRED with Workshop
in Chile

Publication "Protecting Structures, Saving Lives"



2012: 5th session of IPRED with Symposium in Japan

Achievement: IPRED post-earthquake field investigations

- The objective of the post-earthquake field investigation is not a humanitarian activity in the framework of an emergency situation, but a science activity for future risk reduction.
- In the wake of the **large earthquake in Van, Turkey in October 2011**, IPRED dispatched experts to the earthquake stricken area from Romania in order to carry out post-earthquake field investigations in cooperation with Turkish IPRED team.
- The Romanian IPRED team and Turkish IPRED team made reports on the result of the field investigation, and UNESCO published them.

(<http://www.unesco.org/new/en/natural-sciences/special-themes/disaster-preparedness-and-mitigation/natural-hazards/earthquakes/ipred/>)



Future goals of IPRED

- To exchange information and propose plans on collaborative research, training, and education regarding seismology and earthquake engineering in order to reduce earthquake disaster, especially on buildings and housing.
- To establish a system to dispatch experts to an earthquake stricken country in order to carry out post-earthquake field investigations and draw lessons for future risk reduction and share them with public.
- To address policy-relevant issues related to the reduction of earthquake disaster risks (e.g. issue of building codes).

Possible contribution to post-HFA2015

- To support providing appropriate information to public as well as decision makers and tools for capacity building based on the scientific knowledge in the field of seismology and earthquake engineering.
- To support the risk reduction measures for improving structural safety and protection of critical facilities and housing in order to reduce loss of life, livelihoods, and property investments as well as the cost of recovery.

Possible synergies and overlaps with other networks

- **Safer educational facilities**

*The Global Alliance for Disaster Risk
Reduction: Knowledge and Education*

- **Sharing information on building codes**

Global Task Force on Building Codes