

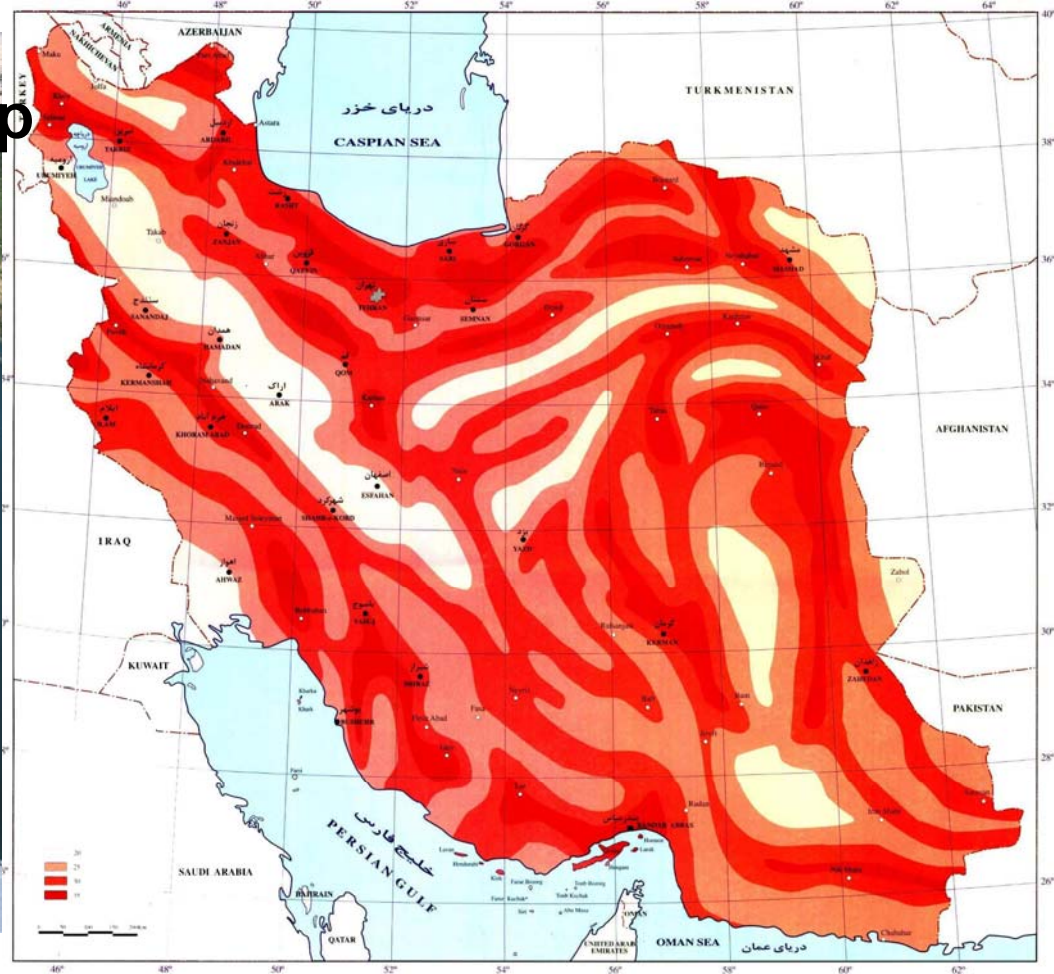


**Warning Analysis
Network And Site For The
Islamic Republic Of
IRAN**

**National Disaster Taskforce
Ministry Of Interior**

Iran

Earthquake Potential Map



Examples Of Natural Disasters In Iran

- Earthquake
- Flood
- Drought
- Frost
- Wildfire



Main Impacts

- Provision of quick and integrated access to the information and indicators (prediction natural disasters);
- Application in researches and studies that are related to the geological, hydro-metrological, seismological and climate change information;
- Recognize the effect on the population exposed to disaster caused by natural hazards including functions and efficiency of the prevention measures;

Other Impacts

- Quick response arrangements upon change in the indicators;
- Provision of information required for long term mitigation;
- Development of in-house capacity for early warning and indicator analysis which could be shared with other countries at later stages.

PLANNED ACTIVITIES (Phase 1)

1. Clear definition of required indicators
2. Identify available technologies and mechanisms
3. Identify shortcomings and gaps in technologies and mechanisms
4. Design national early warning network
- Estimate the ultimate costs for establishment and phase 2 of the project

PLANNED ACTIVITIES (Phase 2)

1. Review and development of the national early warning network
2. Establishment of warning analysis site
3. Definition of operation standards and guidelines

(Pilot Project)

- Pilot area: Tehran, the capital of Iran
- Collaborative: 7 organizations from disaster management community
- Each organization would produce its own datasets and will share it to others through WANS database

What should be done (In terms of)

- Human factor.
 - Human resources with proper skills to be identified and trained as warning analysis network staff.
- Infrastructures.
 - Design new networks and tools as required.
 - Available data networks to be configured for WANS use.
 - Proper EW data / indicators information services to be subscribed for.
 - Communication modules from and to WANS to be established.
- Administration.
 - WANS roles and responsibilities to be recognized and acknowledged by other govt. Bodies.

Aims Of Pilot Project

- To demonstrate the advantages and application of data analysis and related technologies for early warning to disaster management community;
- To get disaster management community's long term support to WANS development;
- To use their feedbacks for qualifying WANS conceptual model development of prototype accessing network.

Conclusion

- Using WANS as a framework and web-based system as a tool, disaster response can be facilitated by increasing its efficiency and effectiveness by:
 - Developing a wider issue of forecasting and technical monitoring system
 - Better decision-making
 - Controlling emergency situation
 - Coordinating activities

Thank You

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