Working Group on

Irrigated Agriculture under Drought and Water Scarcity

(IADWS-WG)
IADWS-WG TOR

- Survey of publication on irrigation under condition of drought and water scarcity.

- Develop or select appropriate indices to describe and quantify the implication of drought and aridity in relation to agricultural, ecological, social, economical and political issues.

- Develop guidelines for assessment of drought on irrigated agriculture and introduction of policies and management strategies for various drought and water scarcity situation.
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- Investigate the application of long term weather forecasting for drought prediction and economic viability of drought early warning system.

- Investigate and report on suitable technologies and agro-irrigation practices for the utilization of non-conventional water resources under condition of drought and water scarcity.

- Dissemination of products of Working Group.
Risk = Hazard * Vulnerability/capability
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Assessment and Forecast of Drought events

- Climate forecasting and drought intensity indices
- Monitoring system
Reducing Vulnerability

- Supply oriented
- Demand oriented
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Increasing Capability

- Damage reduction in agriculture, environment and economy
- Toleration

- Organization and co-operation
- International co-operation