

## Crystal Water 2002

—the sheet for facilitating maximization of your training outcome—

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Training Group Name	Domestic/Regional Problems	Contents (Subjects) to be studied in each unit	Results of Training	Additional Information Hoped for
<b>Execution Case of E.I.A. (Aug.5-8)</b>	.Lower priority accorded to water quality than water quantity. .Widespread pollution of surface water(rivers,canals,nullah,streams,wetlands,coastal areas). .Contamination of ground water through solid waste disposal in low lying areas. .Over exploitation of groundwater.	.How to develop pollution control. .Improvement of urban and rural solid waste management		
<b>Water Storage and Supply Facilities (Aug.12-16)</b>	. Lack of drainage infrastructure. . Leakages in water supply system. . Low tariff of water supply	. Lining of water courses. .Construction of different drainage infrastructures		
<b>Farm / Forest Management and Food Policy (Aug.20-24)</b>	. Use of wood as fuel in rural areas . Lack of funds farm inputs with farmers . Food security,poor management.	. Management of farm/forest. . Food security.		
<b>Ground Water (Aug.26-29)</b>	.Shortage of water resources. . Lack of finances. . Increasing salinity of groundwater.	. Different methods to control salinity. . Efficient irrigation methods to save water .Countermeasures against groundwater pollution		
<b>Soil / Water Quality Assessment (Sep.9-12)</b>	. Deteriorating quality in some reaches . Municipal, Industrial effluents . Poor quality of water in rural and urban water supply system.	. Different methods to improve water quality . Management of soil to improve agricultural production . Methods to remove salt from the soil. . Measures for prevention and mitigation of saline water intrusion.		
<b>Field Water and Soil Management (Sep.24-Oct.3)</b>	.Losses of water due to lack of technologies. .Lack of understanding of irrigation scheduling. .Wastage of water due to poor management	. Management of existing water resources in respect of farming. . Methods of irrigation scheduling in arid regions.		
<b>Design and Practice in Water Supply / Service System (Oct.8-10)</b>	.Waterlogging and Salinity . . Loss of water by evaporation from dams.	. Design of dam and appropriate methods of reducing evaporation. . Design of most suitable water supply systems to provide water without losses.		
<b>Crops Suitable for Arid Area ; Plant Nutrition (Fertilization) (Oct.15-17)</b>	Wheat and Rice are the main food, due to increase in population their growth will require more water. . Lack of awareness in plant nutrition.	. Most suitable crops for arid and semi-arid regions which require less water. . Methods to reduce fertilizer use.		

<b>Preservation of Greens; Assessment of Vegetation (Oct.28-Nov.1)</b>	Insufficient methods of preservation of greens. Lack of awareness to assess the vegetation.	. Different technologies for preservation of greens in arid and semi- arid regions. . Assessment of vegetation.		
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Remark:  
The ideas shown in this table and the courses listed by the training staff in Tottori University are relevant to the region I came from.  
Courses on E.I.A. and Appropriate Research methods are also very instrumental in my case and the region I came from.