

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
Execution Case of E.I.A. (Aug.5-8)	-Some people cut the trees, which planted, at the side of irrigation canals. -Also, some peoples pour the sewerage water into canals.	-How to solve problems which related to environmental control.	We learn how the importance of study E.I.A for new projects In stage of study to prevent any problems before it occurs And take care of people from flood hazards-noise-air pollution	
Water Storage and Supply Facilities (Aug.12-16)	The roads of canals have low levels we cannot storage excess water-the gates are not fully controlled Cross sec of canals is more bigger than the design	-Monitoring to the new gates fully controlled -Methods of solving deterioration sections -Maintenance of water supply and storage facilities	We see the different kinds of the dams and the stages of its contraction and making sedimentation channel before the dam. Drawing the seepage lines through the dam and calculating circle of sliding. Showing R.C. culvert and the researching to avoid thermal crack.	
Farm / Forest Management and Food Policy (Aug.20-24)	-The farmers used chemicals in big amount to increase the production especially in the soups – there is no forest management officially	Government encourages outputs and Import the lake of crops like wheat	Importance of irrigation projects to store And convey the water to cultivate the Land to get enough crops to cover the Requirements of food.	
Ground Water (Aug.26-29)	-Constructing wells not in good ways one well had it a plug in its screen-second drew up sand-third drew up small discharge	-Ground water analysis	Importance of ground water as a supplier of water- designing, maintenance, solving the problems of the wells - Building underground dam to store the water and not to loose it.	
Soil / Water Quality Assessment (Sep.9-12)	North Egypt suffered from sea water intrusion	-Salinity control/analysis -Soil management to improve crop production –monitoring to crops which bear salinity	-Determination of PH-EC of soil in Laboratory	
Field Water and Soil Management (Sep.24-Oct.3)	-Losses of field water because of irrigation in manual and Ordinary ways	-Monitoring to calculate field water efficiency and Eva transpiration	-The method to save water and to prevent Damage from salt water. - Evapotranspiration measurements.	
Design and Practice in Water Supply / Service System (Oct.8-10)	-Open channels have deterioration sections So it takes more discharges than the designed	-Methods of fixation clay and sand in deterioration sections	-Knowledge of various automatic valves and Self prime suction pump. -Water level control by different kinds of Radial gates and rubber gates.	

Crops Suitable for Arid Area; Plant Nutrition (Fertilization) (Oct.15-17)	-Rice and sugarcane consume big amounts of water	-Crops suitable in arid arid areas -Irrigation scheduling	-Knowledge on several crops suited to Arid areas. - Influence of salt stress on plants.	
Preservation of Greens; Assessment of Vegetation (Oct.28-Nov.1)	-Farmers don't cultivate their lands for another reasons -Farmers close the way of irrigation to their neighbors because some problems	-Conservation methods of greens	-Knowledge on the measurement and Estimation Of land use and land cover by remote sensing.	

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.