Crystal Water 2002 the sheet for facilitating maximization of your training outcome

Name Adane A	bebe Awass	Country	Ethiopia	
Training Group Name	Domestic/Regional	Problems C	Contents (Subjects) to be studied in each	unit Results of Training Additional Information Hoped for
Execution Case of E.I.A. (Aug.5-8)	 Giving less si impacts, which easily quantific 	ch are not	 Clear guidelines of E.I.A spec Irrigation projects with due emp for the unquantifiable benef impacts. 	hasis E.I.A is obtained. unquantifiable items in comparing
Water Storage and Supply Facilities (Aug.12-16)	 Water storage are not attractive. Sustainability schemes is usu 	economically of water	 Economical & Multi pureservoirs planning & operation. Eco-friendly ways of designing operating water supply schemes 	construction construction<
Farm / Forest Management and Food Policy (Aug.20-24)	 Destruction of search of fuel major problem Not efficien methods 	l wood is a	 Promoting alternative source energy like biogas Efficient ways of farming & irright 	s of The following are some of the core points learnt: • Careful bookkeeping of the farm, which actually does not entail
Ground Water (Aug.26-29)	○ Ground Wat. potential of eac is not clearly id		 Hydrogeological investigation i absence of highly speci instruments. Conjunctive use of both surfa ground water Groundwater quality management 	a the o Domestic water supply mainly relies on ground water in my region; potential sources of groundwater pollution and its appropriate countermeasures are studied here. ce & In many instances there is a need for lowering groundwater table in this section various techniques are investigated.
Soil / Water Quality Assessment (Sep.9-12)	 A large tract land is being al to salinity prob 	bandoned due	 Preventive and remedial measures salinity problem like cost-eff ways of drainage techniques. 	1 0 1

			through recycling wastewater	
Field Water and Soil Management (Sep.24-Oct.3)	 Much loss of water at field level 	l o Suitable techniques of managing water on the field right from the planning phase to operation & management.	 Various aspects of Irrigation management from planning to management are explored: Different ways of making irrigation scheduling. Evapotranspiration computation Appropriate ways of evaluating water distribution systems assessing the adequacy, efficiency, spatial and temporal distribution patterns. Measures to prevent secondary salinization like biodrainage, ground water management. Soil moisture management-recent trends for measuring soil moisture content like TDR. Water harvesting and drip irrigation techniques 	planning irrigation systems in the absence of good monitoring stations but with remotely sensed records.
Design and Practice in Water Supply / Service System (Oct.8-10)	 Frequent expansion works on water supply schemes No timely maintenance works are done on water schemes 	change in population o Appropriate maintenance strategies	 Different preventive measures for water hammer pressure Power saving automatic gate controller of Hokoku which unlike others is not affected by waves. Self-priming pump patented product of Yokota 	Software packages for water distribution network design and analysis
Crops Suitable for Arid Area ; Plant Nutrition (Fertilization) (Oct.15-17)	 Site specific crops and their adaptability is not yet wel explored In some cases farmers are reluctant to use fertilizers. 	l arid region o Environmental friendly ways of	 Crops that can withstand harsh climatic conditions were learnt. Some crops like Katsu are quite good for erosion prevention Sedum crop may grow with less soil conditions and adjust to different climatic changes. Some crops are drought tolerant like wolfberry (Ninxia). 	
Preservation of Greens; Assessment of Vegetation (Oct.28-Nov.1)	 Extensive cultivation has caused loss of natura preservations 		 Causes and control of deterioration of plants and soil in semi-arid area. Application of tree ring chronology to climatology, hydrology and ecology. Analysis of land use/land cover using remote sensing. Ecological mitigation to maintain biodiversity. 	

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.