

B. Long-term Measures

1. Re-use Structures to Collect Drainage Discharge



2. Cap/ Regulate Water Withdrawals

Put a cap to and regulate offtake diversions to trim water wastage



3. Ascertain Episode Impact

Assess streamflow and rainfall reduction by El Niño to improve planning data



4. Concrete Line Irrigation Canals

Concrete-line irrigation canals to reduce conveyance water loss



5. Replant Irrigation Watersheds

Establish tree plantations to improve stream baseflow



C. Information Dissemination

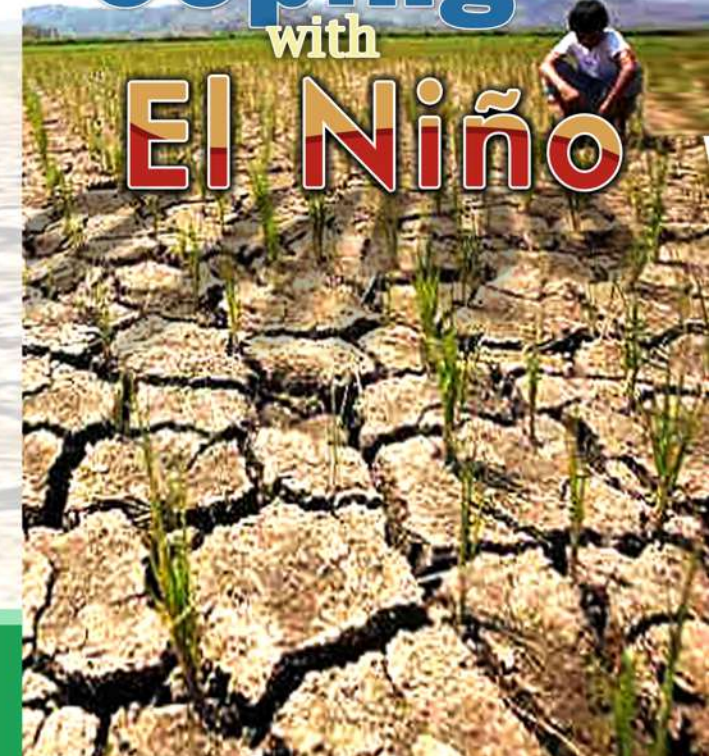
Distribute brochures and other related documents to heighten stake holders' awareness



Produced by the
Public Affairs and Information Staff
National Irrigation Administration
EDSA, Diliman, Quezon City
Tel. no. (02) 921 3741



Coping with El Niño



A. Immediate Response

1. Implement Water Management

a. Regulate Dam Water Releases

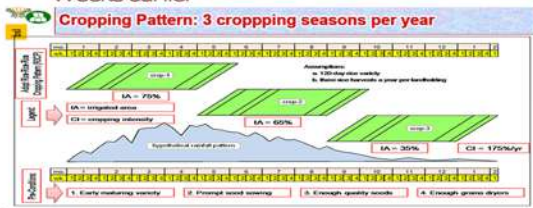


b. Adopt Rotational Water Distribution



c. Adjust Cropping Calendar / Pattern

Move cropping schedule (Parallelogram) by 1-2 weeks earlier



d. Rationalize Program Area

Program area to be irrigated based from dependable water supply



2. Adopt Diversified Cropping

Plant non-rice crops in suitable land classes



3. Repair Irrigation Canals

Plug holes, cracks and leaks in canal embankments



4. Install Water Augmentation Pumps

Put up water augmentation pumps where ground water exists



5. Adopt Short-Growing Varieties

Plant short-growing (<120 days) rice varieties



6. Mend Paddy Dikes

Heighten, thicken and repair paddy dikes to reduce leakage at the farm level



7. Carryout Cloud Seeding

Commission cloud seeding operations

