

Capacity building in water resources development – Sri Lanka

Nihal Rupasinghe

Ministry of Irrigation, Agriculture and Water Resources

P M Jayatilake Banda

Department of Meteorology

S B Weerakoon

University of Peradeniya, Peradeniya

Capacity building needs for sustainable WRD

Capacity building should aim at updating following sectors :

- Policy makers
- Professionals and implementation officers
- Technical support staff
- End users of water resources

Policy makers

Generally, they are

non-technical

look for short-term political advantage

less technical approach in decision making

Thus, capacity building to convince them on the advantages of modern technology for socio-economic development

Demonstration of successful and unsuccessful cases in different countries

Professionals/Implementation officers

Generally, they are highly technical, weak in multi-disciplinary approach and less exposed to the grass route level application

Lack of technical infrastructure, e.g. real time data

Thus, capacity building to train them:

in recent advancements and equip them with modern scientific tools,

to think globally and act locally – holistic approach

Short term sandwich training courses of multi-disciplinary nature

Postgraduate level sandwich training programs using local case studies

Technical support staff

Generally, they are not familiar with modern infrastructure to use and to maintain.

Thus, to provide them an exposure on automation of data collection, on new technical infrastructure and their advantages.

Short term training courses to expose the use of modern technology

End users/ Beneficiaries

Generally, they are reluctant to
change from the present inefficient methods of
water use
accept new systems and technologies

Thus, to make them aware of economic benefits
and time saving by adopting the new practices.

Continuous awareness through field programs
and through pilot projects