Strengthening institutions and stakeholders’ capacity for IWRM at a local level

- Lilliana Arrieta Q.
- REDICA, Centroamérica

liliarrieta@hotmail.com
www.redica.net
Geographical Context

Central America


• Extension: 523,160 km²

• Per capita $1,917.2 (%) (2003).
The networking

The role of networks in order to scale up capacity building for IWRM implementation at a local level is important because it is useful to:

- Share values
- Facilitate processes of learning and training for the members of the network
- Identify and to divulge good practices
- Generate regional common strategies and to facilitate the localities
- Generate a “critical mass” to diffuse technical knowledge, to generate expertise for support processes of change and/or improvement in the region and at local level.
What we have learned

- The work done within the network supports the construction of alliances and the benefit for all the members.

- Networking leads to moving past phases and to sharing knowledge and experiences.

- To adapt the objectives and methods according with the different audiences.
REDICA Net Working

Redica

Costa Rica

Guatemala

Nicaragua

Honduras

El Salvador

Panama

Workshop

Cap-net
One of the strategies for capacity building implementing by REDICA for IWRM is the Training of Trainers (ToT) programme.

These strategy is supported by a simple and effective idea:

- Training trainers and organizing a series of workshops at regional, national and later at local level, brings forward a cascade effect which results in the strengthening of members, availability and enforcement of a local critical mass of expertise, and guarantee the access, adaptation and application of IWRM at community level.
The cascade effect

Global Level Training

Training at Regional level
Costa Rica/ Bolivia/ Guatemala/ Dominican Republic/Panama
147 participants

Nacional Level
Costa Rica, Guatemala, El Salvador, Panama, Bolivia, Colombia,. 250 participants of training activities and 1400 participants in other activities.

Local activities
Costa Rica(2), Panama 75 participants.

Indigenous communities
Guatemala (3) 52 participants.
Knowledge and Skills

- While the ToT is focused on transferring knowledge and tools to develop skills to train; at the community level the main issue is to transfer new and useful knowledge and creative ways to promote equity and IWRM.

- The adult understands the knowledge as a participative and social transformation of the reality through a process of critical questioning that should consider their historic and political context.
Starting a process…

- Through the training activities at local level, we aspire to generate a process in which the previous knowledge will be changed into the new structures, that are introduced by IWRM, with equity for all the users and the ecosystems.

- To facilitate the process of the **significant learning**.

- Supporting the local examples to show the key concept of IWRM as a universal conception but a local articulation.
What and Whom

- 24% Technician
- 17% Local movements
- 30% Lectures and university members
- 13% Children/students
- 16% Indigenous people

Pie chart:
- 40% Gender & water
- 20% Local government
- 30% Legal framework
- 10% C2WRM
The challenge: Reach Different Audiences
Millennium Development Goals

- The advance of the MDG have to be evaluated at the community level where can be measured social indicators associates with poverty such as the access and quality of the water as well as women participation.

- Community level intervention often have a wide approach, and for that we need the skills and knowledge that acquire from the training activities.
Conclusion

- The entire region in which we work is a very vulnerable one, with low scholarship levels and low income, the training process is not easy but a great challenge.

- Working with communities needs a wider approach than that used when working with academic or technical target groups, their reality is a lot more complex and we need to be aware of that. Nonetheless they are able to understand concepts like mainstreaming very well.

- Good material (local relevance) is a key issue for the success of the training at local level.

- Also to built a bond with the participants help the continuous process of learning.

- The changes promoted are reached in a short time if we are capable to identify the key activities at community level that have to suffer changes for IWRM.
Transfering knowledge and data

- Planning for IWRM
- Basin Management
- Governance
Working on Skills of the participants

- IWRM, Gender and water
- Environmental approach
Red Centroamericana de Instituciones de Ingeniería

Es un mecanismo para coadyuvar en el desarrollo y mejoramiento de la enseñanza y la práctica de la ingeniería y arquitectura en Centroamérica.

- Facilitar y/o ejecutar la instalación y desarrollo de un sistema de acreditación de la enseñanza superior.

- Fomentar la cooperación regional, extra regional y bilateral

- Potenciar los desarrollos individuales para convertirlos en desarrollos colectivos.