Disaster Risk Reduction Education: Beyond Resilience and Adaptation

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Adult Education and Community Development

Education for Sustainable Development (ESD)

“education is a cornerstone of human development ... it has the power to transform and effect meaningful change”

www.pilcd.org
Education and Resilience

“Use knowledge, innovation and education to build a culture of safety and resilience at all levels”

Disasters can be substantially reduced if people are well informed and motivated towards a culture of disaster prevention and resilience...

Hyogo Framework Priority for Action 3

Education and Literacy is a poverty centered approach to adaptation.
Disaster Risk Reduction (DRR) Functional Literacy Project
2010-2011: supported by Philippine Australian Community Assistance Program (PACAP)

- Community-based DRR Education in two remote villages in Atok, Benguet
- Classroom-based learning sessions thru the Alternative Learning System (ALS) program in two schools in La Trinidad and Buguias, Benguet
- 257 out of school youths and adults
- 95 community members
- 40 ALS mobile teachers
- Development of supplementary learning materials for the ALS
Mainstreaming DRR Education in Schools
2012-2013: supported by Canada Fund for Local Initiatives (CFLI) - Philippines

- 80 teachers, school heads including ALS mobile teachers in DRR Education from 53 schools in Benguet
- School-based Hazard Risk Assessment and Contingency Planning in 4 schools
- Advocacy forum on DRR in education with teachers, school heads and members of local school boards
- Learning and Teaching materials distribution consisting of the PLANET 4 booklet, posters, videos and facilitators guide
Strengthening Environmental Education in Schools and the ALS

2012-2014: supported by the Foundation for the Philippine Environment (FPE)

- Teachers training on Education for Sustainable Development (ESD) and environmental education – integrating environmental topics in their lessons

- Classroom and Community-based practicum of trained teachers

- 117 Teachers, school heads and principals from Zambales and Benguet; 41 ALS teachers

- School exchange visits

- Filipino adaptation of the 4 PLANET materials, reproduced and distributed to participating schools
Strengthening Community Participation in DRR
2014- current: supported by the UN-World Food Program (UN-WFP) Philippines

• Community-based Disaster Risk Reduction and Management Training and Education
• Community members, local civil society and people’s organizations, and officials of local government units (LGU)
• 14 villages in Buguias, Benguet
• Multi agency partnerships including schools and higher education institutions
• Development of local education materials
Teachers and Facilitators Training
Community and Classroom-based Learning
Materials Development, Adaptation and Distribution
Advocacy and Partnerships
Significant lessons and insights

• DRR education encompasses economic, cultural, political, social and environmental dimensions that is consistent with ESD;
• Facilitates reflection of our behaviors and lifestyles and its impact to the environment;
• Linking Knowledge to Values and Change
• It can be taught across the curriculum
Challenges

Teachers “resistance” to innovation and creative approaches in teaching and learning

SCALING UP
Beyond resilience and reducing vulnerability

Understanding causes and impacts of environmental problems and the realities of climate change

building social and individual capacities and attitudes for adaptation and mitigation
VALUES and PERSPECTIVES for Sustainable Development

CAPACITIES to ACT UPON these values
Climate Change magnify the RISKS of natural disasters

Measured against the agenda of human survival, how might we rethink education?
It is worth noting that this is not the work of ignorant people. It is, rather, largely the result of work by people with BAs, BSs, LLBs, MBAs, and PhDs.

---- David Orr
How do we move from a **community of practice** ...

...to a **system of education** that brings about **sustainable development** ?
“We have to learn to see the world anew”

maraming salamat!
Thank you!