

River Engineering and Stream Restoration IIC - Discussion

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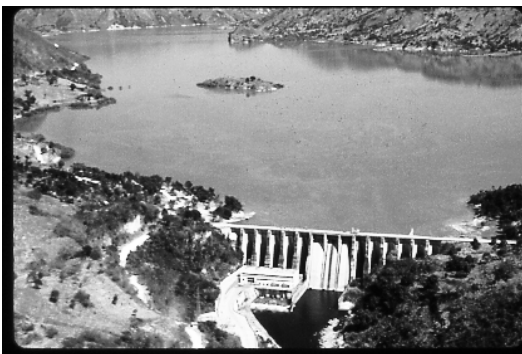
Hong Kong - December 2004

Objectives

Impact of Hydropower Development

1. Case-Study in Haiti on the role of dams;
2. Discussion on the role of dams and future developments;
3. Class participation is expected.

Hydropower Development in Haiti



List the Pros-cons of this Dam

Advantages:

-
-
-
-

Disadvantages:

-
-

Demographic Expansion



Lowland Slash and Burn



Subsistence Farming



Farming Uphill



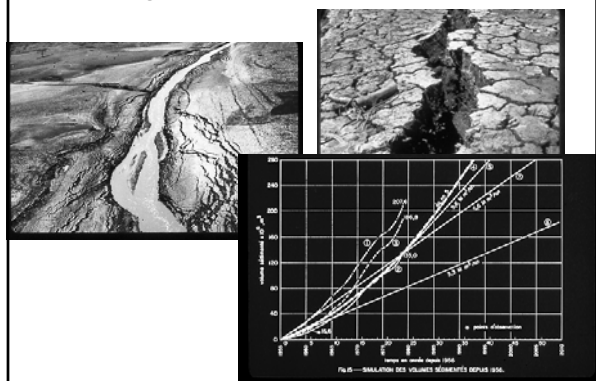
Farming Hilltops?



Watershed Deforestation



Peligre Dam (sedimentation)



Hurricane Impact



Emergency Spillway Operation



Flood Damages



Is Help on the Way?



Emergency Situation



Citizens Blame their Government



Could this disaster be avoided?

Was the disaster caused by the dam?

- ...

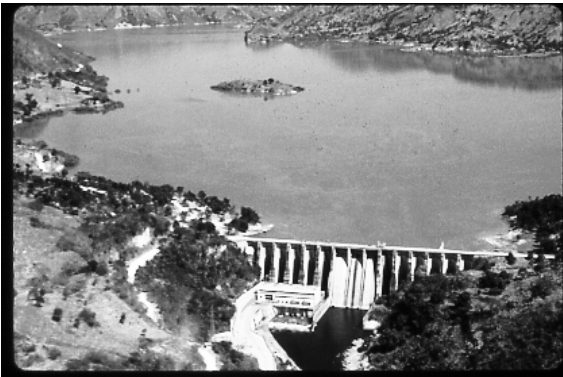
Could the disaster be prevented?

- ...

What could have been done differently?

- ..

Long-term Sustainability?



What lesson did you learn?

1....

Slash and Burn?



River as a Touristic Attraction?



Flood Control?



River Bank Stability?



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**THANK YOU
for your
Attention!**
