

## WP3 Human-environmental interaction: perception, adaptation and mitigation



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## Context

- ❑ « Man not only survives and functions in his environment, he shapes it and he is shaped by it. » René Dubos
- ❑ How do we perceive our natural environment?
- ❑ How do we adapt to this environment?
- ❑ What can we do to preserve or improve our environment?



# Implementation

- Interdisciplinary research projects
  - ✓ Perception of risk
  - ✓ Adaptation of ancient societies to climate change
  - ✓ Governance of environmental commons
  - ✓ Valuation of environmental goods and services ...
- Workshops
  - ✓ Market tools
  - ✓ Non-market valuation
  - ✓ ...
- Interdisciplinary Phd

## Examples of actions

- Interdisciplinary research projects
  - ✓ Perception of catastrophic risk:

ANR Riskemotion  
GREQAM, Paris I,  
Columbia University.

Decision making in context  
of risk and catastrophic events.  
Application to flood risk in  
Provence.

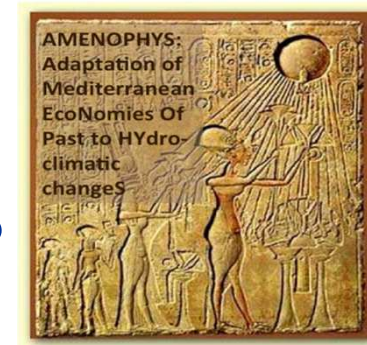


## Examples of actions

- ❑ Interdisciplinary research projects
  - ✓ Perception of catastrophic risks
  - ✓ Adaptation of ancient societies to climate change.

AMENOPHYS

CEREGE, IMBE, GREQAM, ECOLAB



Integrated model to study this problem in the Mediterranean basin:

A socio-economic model combined to a climate ecosystem model.



## Examples of actions

- Interdisciplinary research projects
  - ✓ Perception of catastrophic risks
  - ✓ Adaptation of ancient societies to climate change.
  - ✓ Governance of environmental commons

ANR CIRCULEX

CERIC, 3 GREQAM members,

CIRAD



Analysis of international negotiations on climate change and biodiversity as two co-evolving processes.

# Implementation

Interdisciplinary research projects

Workshops

✓ Market tools

ECODEV-INRA, GREQAM, CERIC.

Compensation in the case of biodiversity

Cap and Trade in the case of climate change

Advantages and disadvantages.



# Implementation

Interdisciplinary research projects

Workshops

✓ Market tools

✓ Non-market valuation

GREQAM, IMBE

The economics of non-market  
goods and resources.

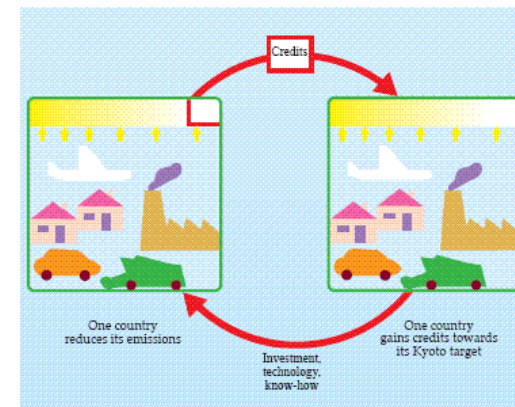
Contingent valuation, ecosystem services...





# Implementation

- Interdisciplinary research projects
  - Workshops
  - Interdisciplinary Phd
    - ✓ First candidate: Marion Lemoine
- CERIC, GREQAM
- Topic: Clean Development Mechanism



**Thank you for your attention!**