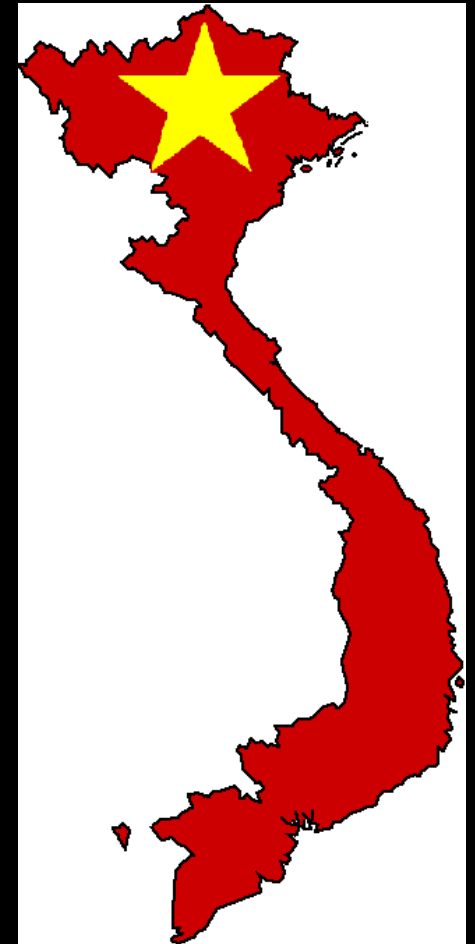


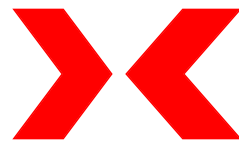
Research Planning

WATER POLLUTION IN VIETNAM



Doan Quoc Anh Thu

OVERVIEW



- The amount of water resources per person:
Vietnam: $3820\text{m}^3/\text{year}$
< Southeast Asia
 $4900\text{m}^3/\text{year}$
- Most of rivers are polluted
- Groundwater pollution: serious problem

SURFACE WATER POLLUTION



SURFACE WATER POLLUTION



Runoff



Sea pollution

GROUNDWATER POLLUTION

Reasons



Consequences

- Salinisation
- Heavy metals nitrate and arsenic in groundwater
- Illness

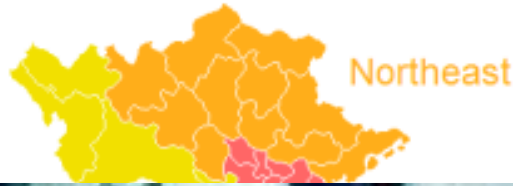
GROUNDWATER POLLUTION



Groundwater pollution

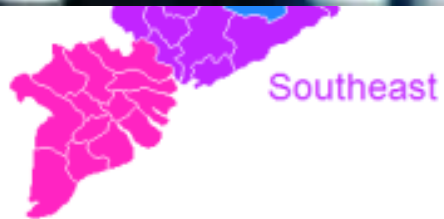
Arsenic pollution in Hanoi

Supplementary information to research article "Arse
by deep aquifer exploitation for more than a century
Weblink: www.eawag.ch/arsenic-vietnam



Arsenic levels in ground

Mekong
River
Delta



Red River delta (Vietnam)