



The 7th World Water Forum

12-17 April 2015, Daegu-Gyeongbuk, KOREA

Thematic Process Session

Session 3.4.1.

Tuesday 14 April

**Performance Indicators for
Lakes/ Rivers/Aquifers Basin management**

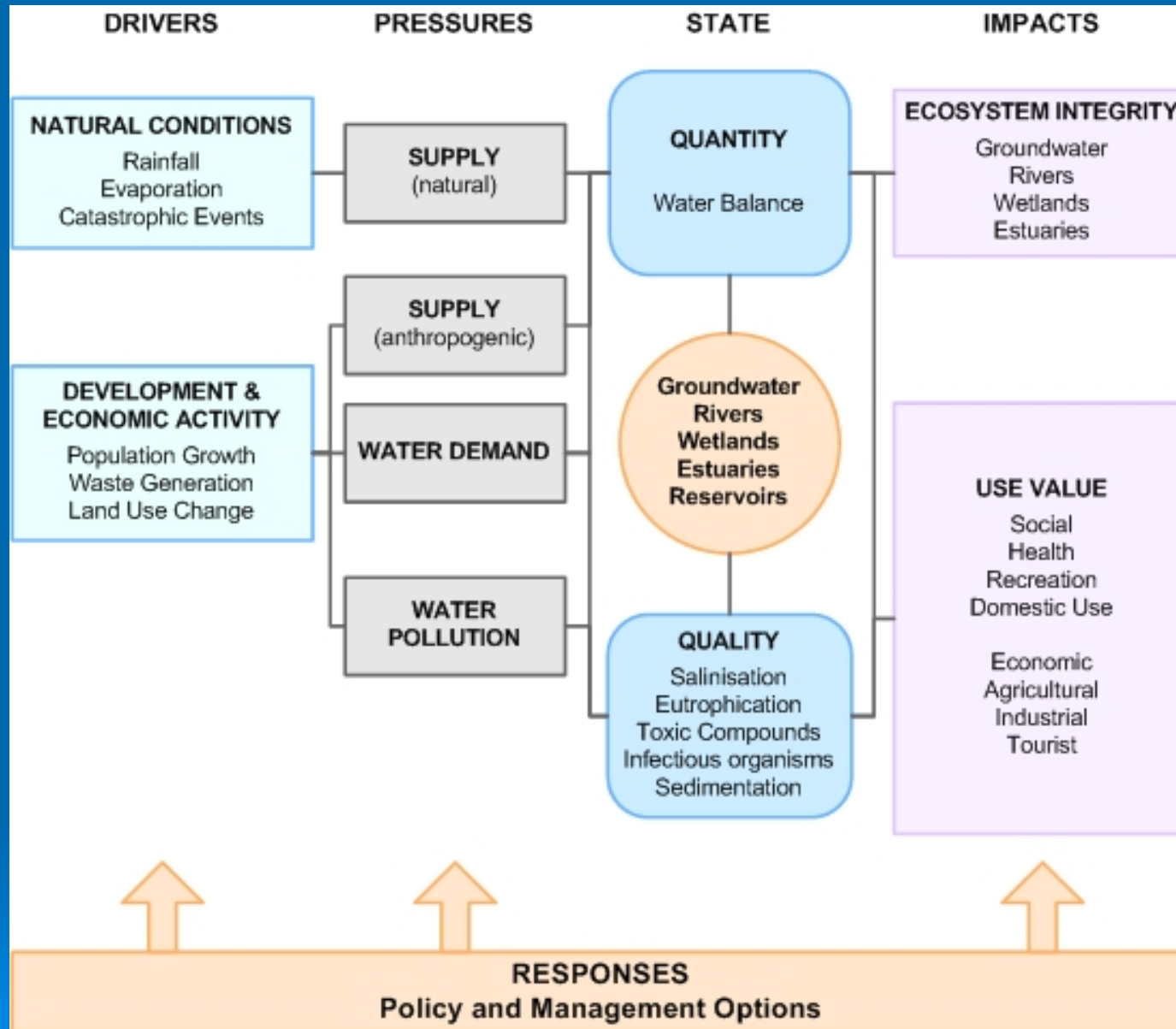
**Mr. Alain BERNARD
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Today, performance indicators are used on a regular basis, in particular for governance of water and sanitation services.

During last years, some experiences were developed for using indicators at level of River Basin Organisations for proposing monitoring criteria on IWRM

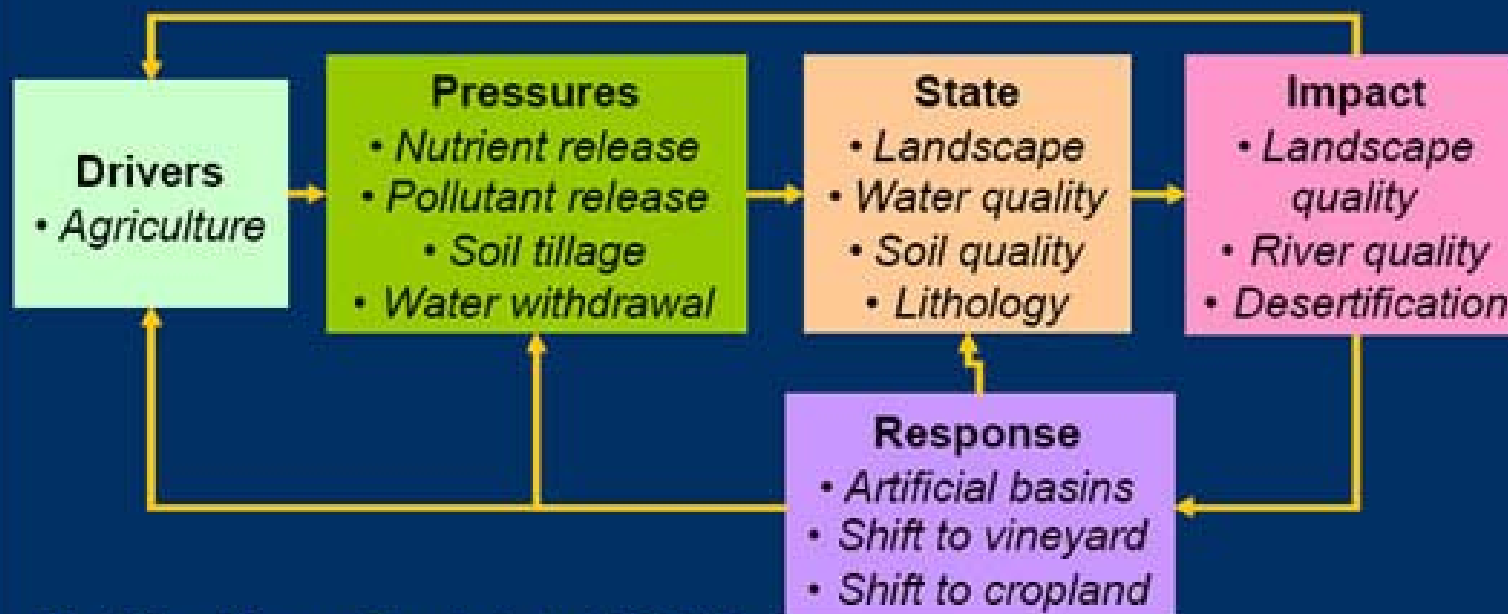


Indicators for main steps



Type of indicators for main steps

Water Management DPSIR



Modified from Benini et al 2010

DPSIR Examples

Indicators for decision and management



D : Cultivated area for corn (ha)

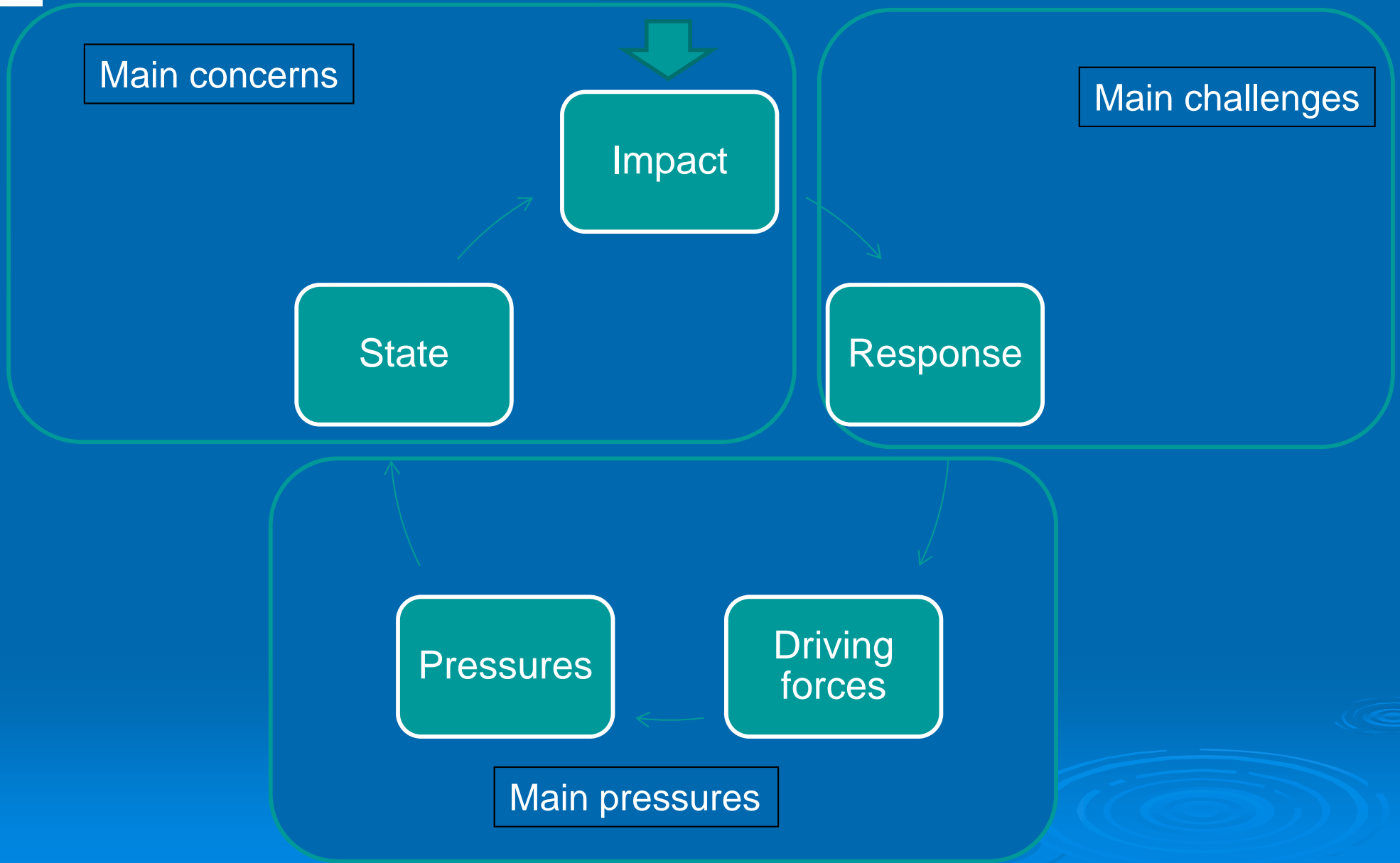
P : Flux of pesticides rejected to water (kg/year)

S : Pesticides concentration (total in $\mu\text{g} / \text{l}$)

I : Biological quality classification / use ([] / thresholds)

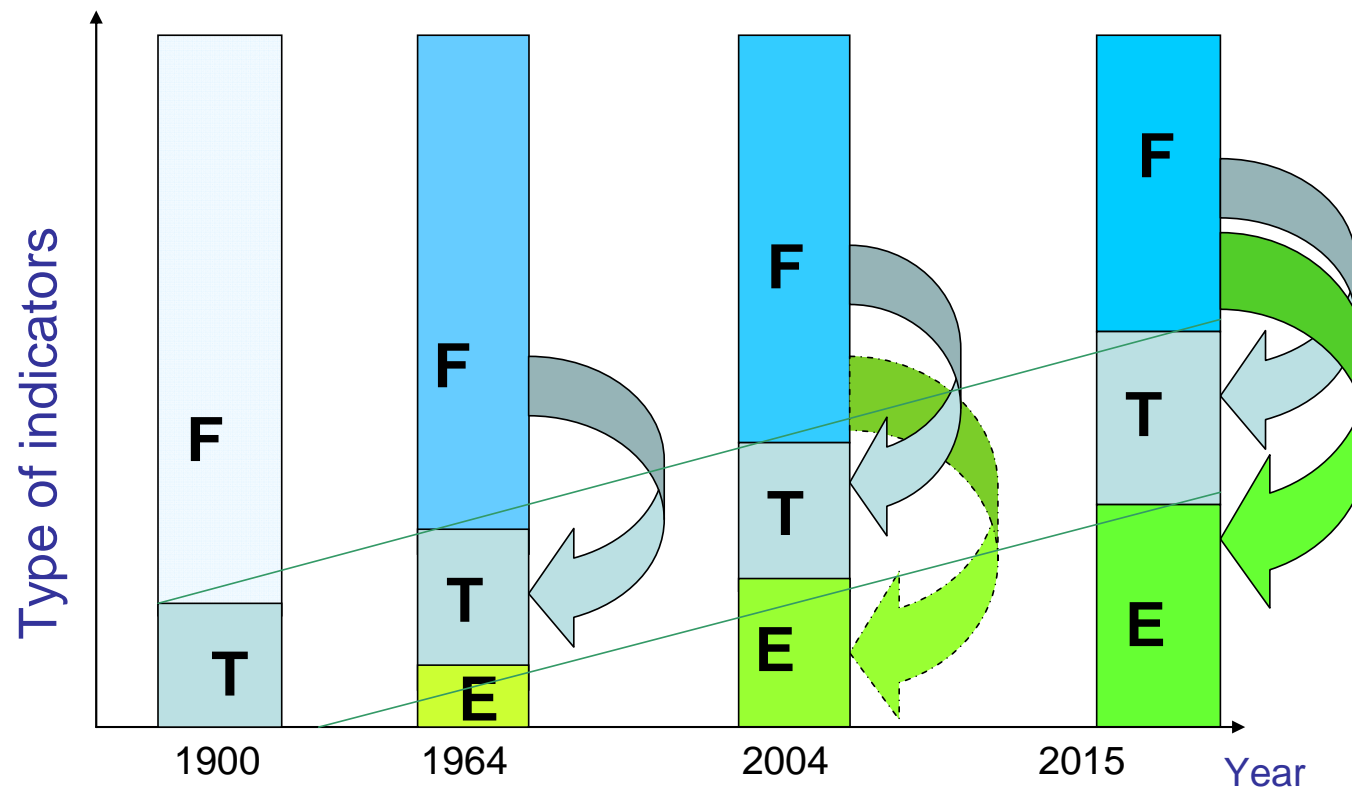
R : Ecotax, laws, decrees, financial incentives ...

Global Organisation



Towards a new balance

Evolution of financial (F), technical (T) and environmental (E) indicators in France



Governance and indicators



HARD

Investments, agenda, costs, ...

SOFT

Governance, Legal framework,
Ownership, IWRM,
Participative planning,
Funding, Monitoring +
Information System

Indicators for whom ?

A common understanding helping among other:

- Basin Committees to define appropriate objectives
- BO management to design basin management plans, by providing guidelines and benchmarking



Indicators for whom ?

A common understanding helping:

- Public participation to be active
- BO stakeholders to monitor the basin management planning process
- Donors to assess the quality of work and the use of their funds



Indicators ? On What ?

- Some performance indicators related to Governance:

Legal and institutional framework, organisation and missions of a river basin institution

- Other indicators related to Results of policies / actions:

Technical, socio- economics, environmental





Benchmarking and reporting on assessment of policy implementation



Importance of synergies with internal reporting process within the RBOs.

Performance Indicators must correspond to Basin Organisation objectives and reporting process.





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