

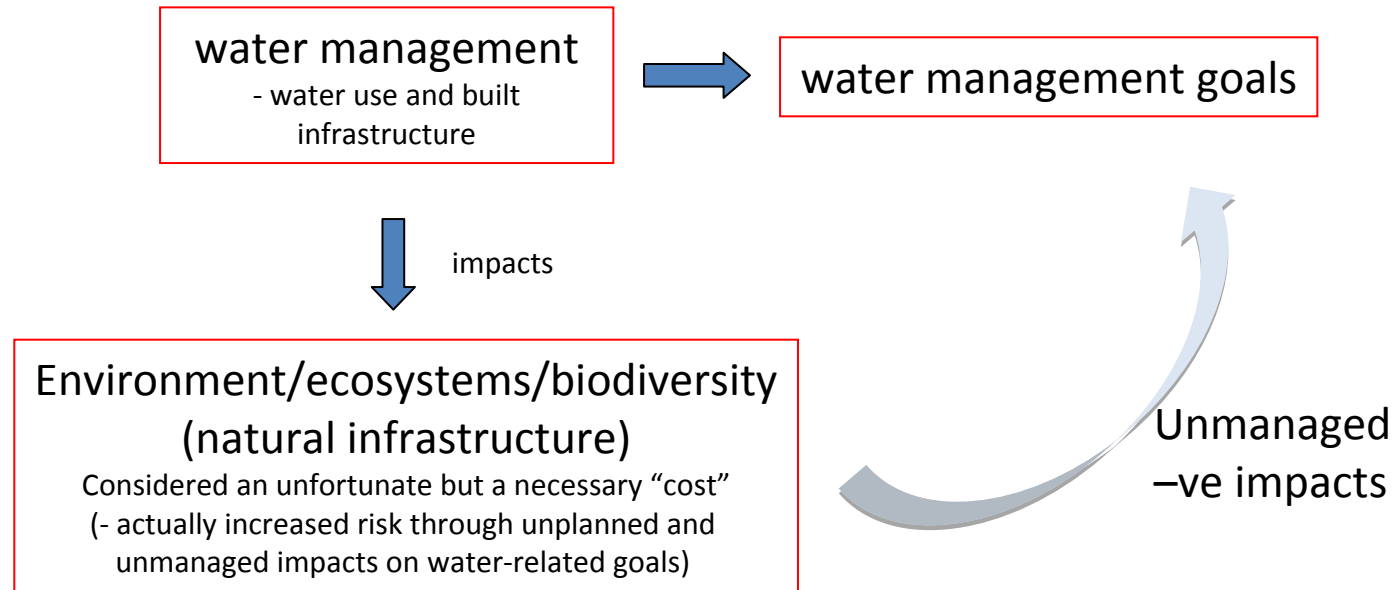


Convention on
Biological Diversity

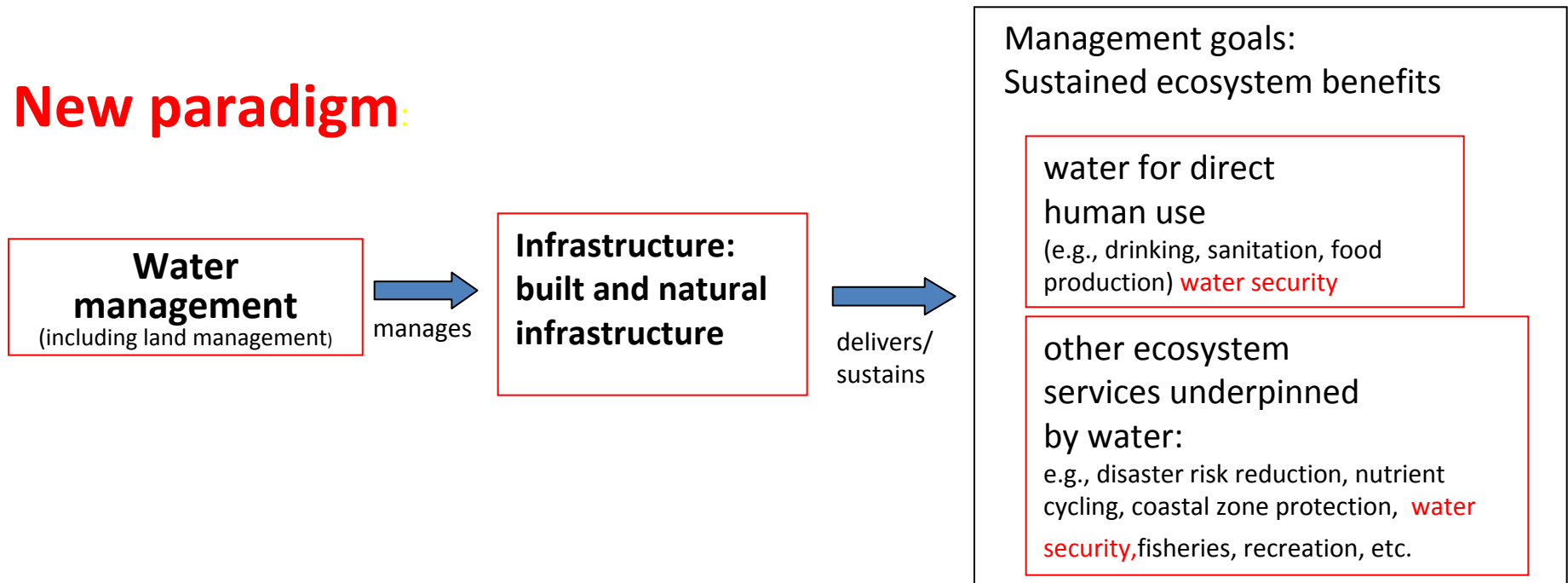
Sustainable Development Goals and Biodiversity Conservation

David Coates
Secretariat of the CBD

Old approaches:



New paradigm:





**Convention on
Biological Diversity**

The Strategic Plan for Biodiversity 2011 -2020 and the Aichi Biodiversity Targets

- **Contribution to sustainable development**
- **Framework for all stakeholders**
 - **biodiversity related MEAs**
 - **UN system**
 - **IGOs/NGOs**
 - **National level**



VISION

By 2050, biodiversity is valued, conserved, restored and wisely used, maintaining ecosystem services, sustaining a healthy planet and delivering benefits essential for all people.

MISSION

Take effective and urgent action to halt the loss of biodiversity in order to ensure that by 2020 ecosystems are resilient and continue to **provide essential services**, thereby securing the planet's variety of life, and **contributing to human well-being, and poverty eradication.**

STRATEGIC GOAL A:
Address the
underlying causes of
biodiversity loss by
mainstreaming
biodiversity

STRATEGIC GOAL
B: Reduce the direct
pressures on
biodiversity and
promote sustainable
use

STRATEGIC GOAL
C. Improve the
status of biodiversity
by safeguarding
ecosystems, species
and genetic diversity

STRATEGIC GOAL
D: Enhance the
benefits to all from
biodiversity and
ecosystem services

STRATEGIC GOAL E. Enhance implementation through participatory planning, knowledge management and capacity-building

SUPPORT MECHANISMS



Aichi Biodiversity Targets



Target 7 sustainable agriculture, aquaculture and forestry



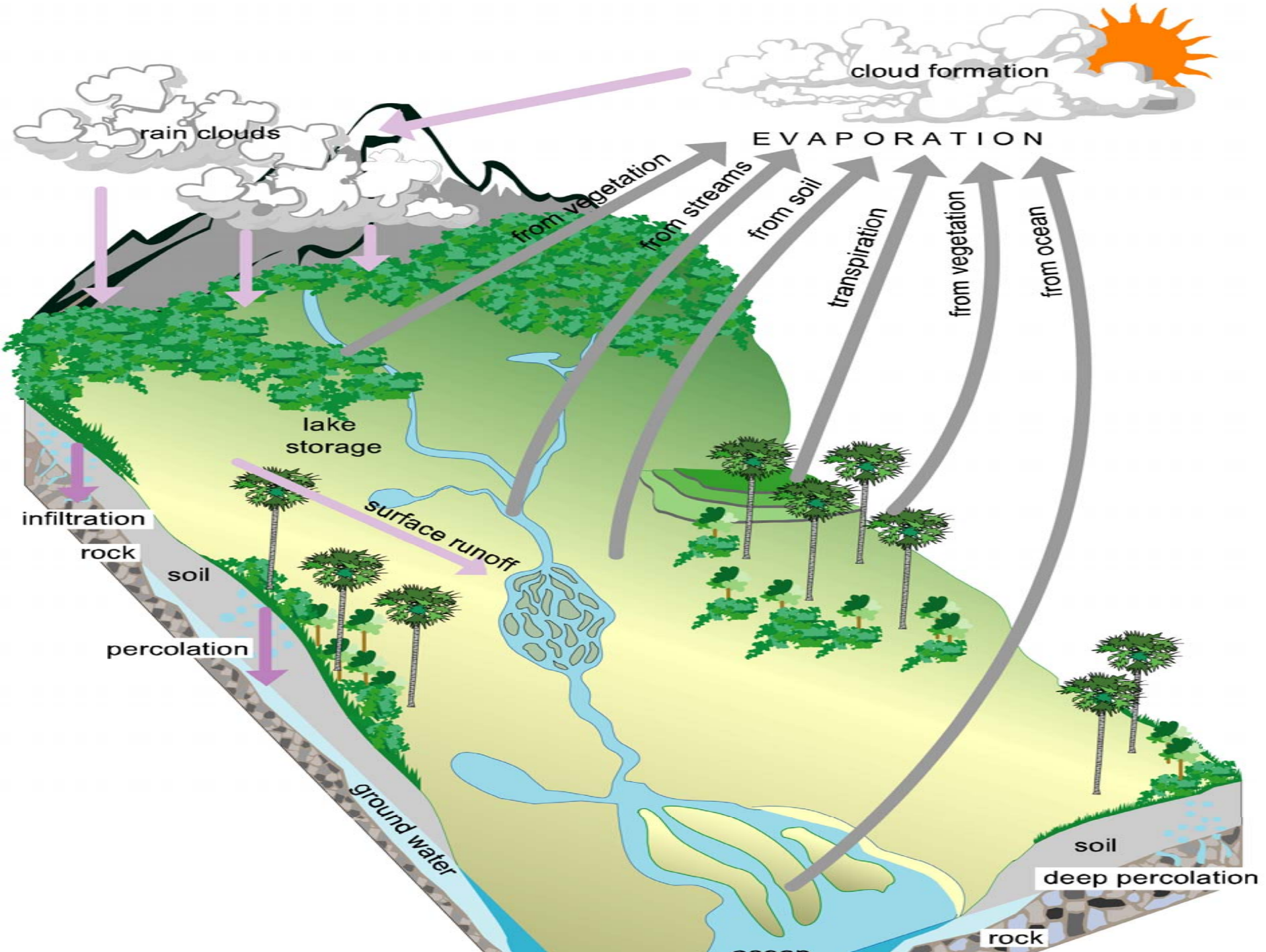
Target 8 pollution



Target 14 essential ecosystem services including WATER



Target 15 ecosystem resilience, restoration, climate change adaptation, desertification



Sustainable development agenda

RIO + 20:

122. We recognize **the key role that ecosystems play in maintaining water quantity and quality** and support actions within respective national boundaries to protect and sustainably manage these ecosystems.

Post 2015 SDGs:

Goal 6. ensure availability and sustainable management of water and sanitation for all.

Target 6.6 by 2020 **protect and restore water-related ecosystems**, including mountains, forests, wetlands, rivers, aquifers and lakes



DIREKTSAAAT

semis direct
zero tillage



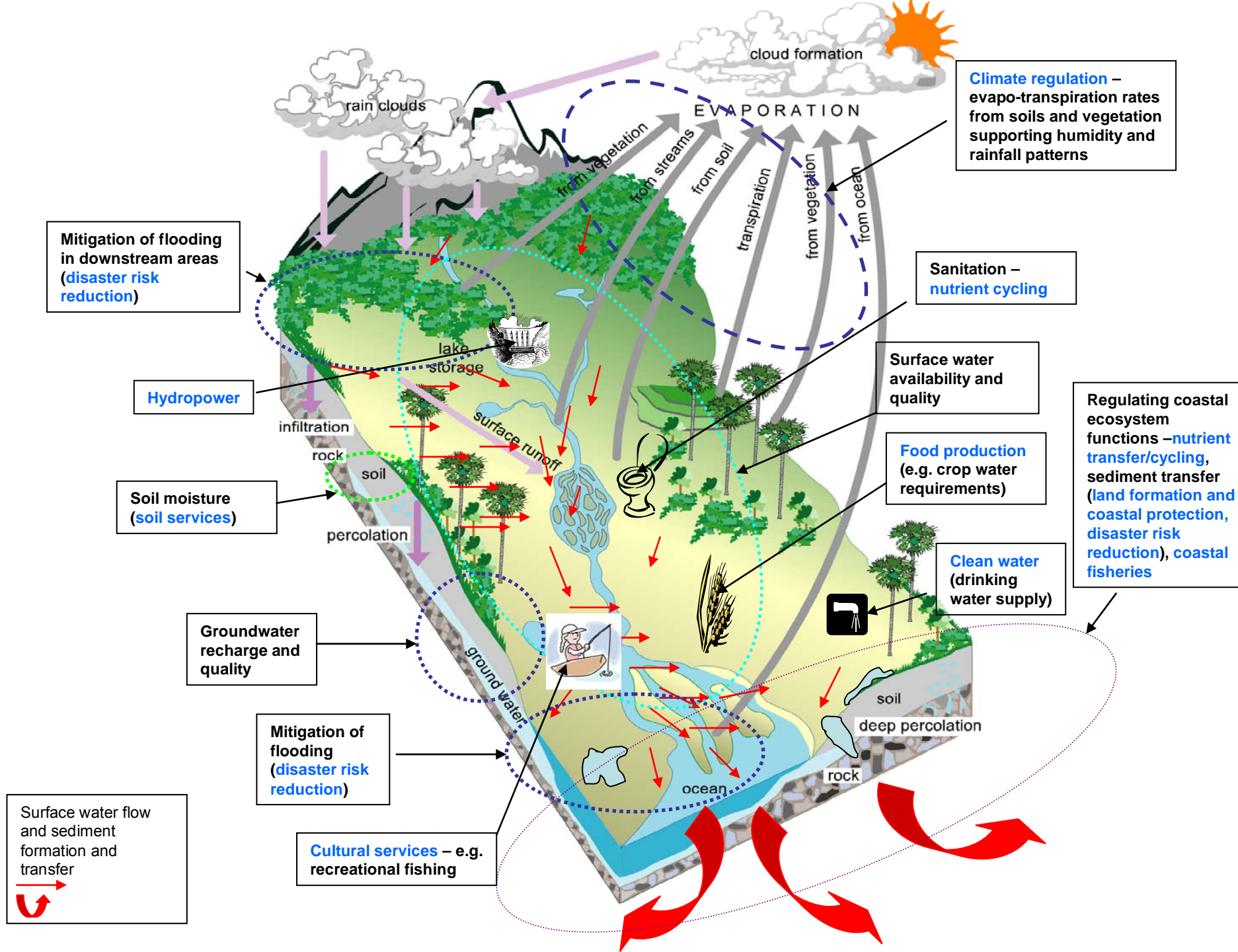
PFLUG

labour
plow



Key message

- Integrate ecosystems as solutions
 - E.g. as “green water-related infrastructure”
 - Across sectors and the landscape
 - Identify and build on win-win solutions and co-benefits



2.10: conflicts



2.9: extent of carbon storage
vulnerable to water insecurity
Targets 15, 14, 4

2.8 Climate Moisture Index
Targets 14, 4, 5, 7, 10, 11, 15

Water scarcity

Targets 4, 5, 7, 8, 11, 14, 15

4.1: hydropower
Targets 14, 4

Water availability
2.7 Soil moisture
Targets 14, 15, 11, 7,
4

Nutrient cycling/clean
water

1.2: MDG target 7c –
sanitation
1.1 MDG target 7c
drinking water
1.3: water quality
Targets 8, 14

Clean Water

1.1: MDG target 7c –
drinking water supply
1.3 water quality
Targets 14, 7, 8, 11,

Water availability –
mitigating extremes
2.3 Human and
economic losses from
disasters
Targets 14, 4, 10, 15

EVAPORATION

cloud formation



rain clouds

from vegetation

from streams

from soil

transpiration

from vegetation

from ocean

Clean water

1.5: (a) (b) cities using
PAs to provide water
Targets 11, 14

Water availability

2.2: water use intensity
by economic activity
2.6: water footprint
Targets: 4, 7, 14, 15

Nutrient cycling/clean
water

1.4 waste water
treatment
Targets 8, 4, 5, 14

Nutrient cycling/clean
water

1.6: area of wetland
used in water
treatment
Targets 14, 8

Water availability

2.5: land affected by
desertification
Targets 14, 15, 4, 7,
10

6.3: crop water
productivity
6.1/6.2 area water-
logged/salinised

3.1 Sediment transfer

