

Nature Based Solutions in Freshwater Ecosystems

SERVICES the ecosystem provides

Freshwater ecosystems cover less than
1%
OF EARTH'S SURFACE, BUT
provide habitat for a **third of vertebrate species** and **10% of all species**,
including around **40% of fish species**

Freshwaters directly contribute to the
livelihoods of
BILLIONS OF PEOPLE
and provide a **range of services worth**
USD 6.5 TRN
every year

Peatlands only cover about
3%
of the world's land surface, **but store**
2X CARBON
as all of Earth's standing forests.

Relevance to FINANCIAL INSTITUTIONS

The estimated global cost of
achieving **SDG 6** related to freshwater
resources is
USD 1 TRN,
which is equivalent to
1.21% OF GLOBAL GDP

Power generation, infrastructure,
fossil fuels, and materials are sectors
that have identified water-related
RISKS
as having **substantive financial or**
strategic impacts

Current approaches to
RISK
ASSESSMENT,
particularly in the **financial sector,** do
not **fully capture and address**
water-related risks

BENEFITS OF INVESTING in this ecosystem

Wetlands and peatlands
CAN STORE
TWICE AS MUCH
CARBON
as the **planet's forests**

INVESTING
in **freshwater ecosystems**
CAN IMPROVE
flood resilience, water quality and
human health

Restoring and protecting freshwater
ecosystems can enhance water
security,
REDUCING THE COSTS
associated with **water treatment and**
infrastructure maintenance