

How Nature Based Solutions support sustainable regional development

Zdravko Kozinc

ISKRIVA, Institute for Development of Local Potentials, Ljubljana, Slovenia

Sustainable regional development calls for holistic understanding and complex management of natural and socio-economic resources. In recent years a clear shift from exploitation to sustainable management of resources can be observed, and local administrations, as well as national policies are beginning to actively support development and implementation of planning processes to support this shift.

Part of development planning is also ensuring resilience of measures implemented, reducing negative impact on provision of ecosystem services while at the same time, trying to use their intrinsic value to derive to various solutions against natural hazards. In the case of NAIAD project, the concept of Insurance Value of Ecosystem in response to water related risk is being researched into, as a possible way of reducing water related risks with minimum impact to ecosystems.

NAIAD approach is a synthesis of environmental science and socio-economic approach, developing NBS solutions as a part of long term sustainable land use planning in the form of a decision support-tool. To support the viability of the concept, strong connection to business sector, especially insurance sector is being formed, working towards novel business models in insurance against water related risks.

Presentation will look into the challenges of cross-sector and interdisciplinary approach in response to water related risks and NAIAD approach added value.