

RESEARCH PROGRAMMES

UNU-FLORES aims at a truly integrative and global perspective on resources management, considering interrelated resources in a comprehensive manner. This also holds true for impacts of global change and the shift towards green economy. In all of the following research programmes of UNU-FLORES, the Institute cooperates closely with other universities and research institutions in both research and teaching:

- › Integrated Resources Management under Conditions of Global Change;
- › Evidence-Based Decision Making for Planning and Management of Environmental Resources;
- › Water Resources Management within the Context of Interrelated Environmental Resources;
- › The Water-Soil-Waste Nexus; and
- › Sustainable Management of Waste as a Resource Interrelated with Water and Soil.

EDUCATION AND CAPACITY DEVELOPMENT

UNU-FLORES engages in the following areas of postgraduate education, capacity development, and trainings:

- › UNU-FLORES offers a PhD programme together with its partner, the Technische Universität Dresden. The programme focuses on each of the research areas of UNU-FLORES and includes coursework according to a pre-defined scheme.
- › Additional capacity development and training programmes focus on the further education of professionals who are working in the area of environmental resources management.

A unique feature of all educational activities is the emphasis on the global dimension of the covered issues.



UNU-FLORES advances a Nexus Approach to the sustainable management of the environmental resources: water, soil, and waste.

UNU-FLORES supports the overall mission of UNU as a UN think tank that focuses on the needs of developing countries and emerging economies.

UNU-FLORES develops strategies to resolve pressing challenges in the area of sustainable use of environmental resources.

UNITED NATIONS UNIVERSITY

Institute for Integrated Management of
Material Fluxes and of Resources (UNU-FLORES)

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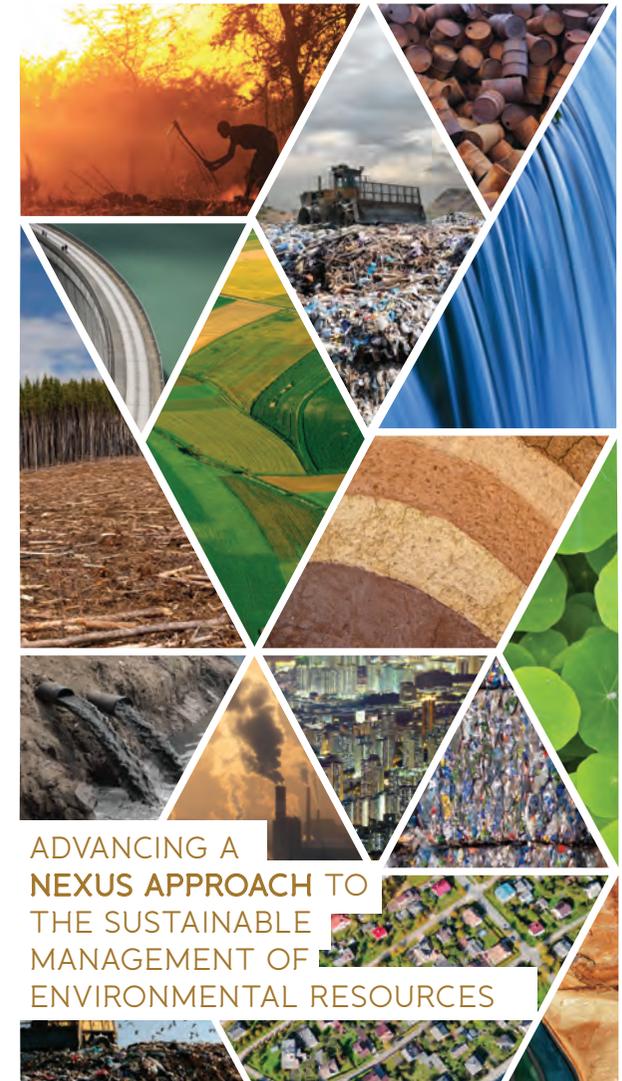
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UNITED NATIONS
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UNU-FLORES

Institute for Integrated Management
of Material Fluxes and of Resources



ADVANCING A
NEXUS APPROACH TO
THE SUSTAINABLE
MANAGEMENT OF
ENVIRONMENTAL RESOURCES

BACKGROUND

The United Nations University Institute for Integrated Management of Material Fluxes and of Resources (UNU-FLORES) was established in Dresden, Germany in December 2012. The Institute is supported by the Federal Ministry of Education and Research (BMBF) and the Ministry for Higher Education, Research and the Arts (SMWK) of the Free State of Saxony, Germany.

As part of the United Nations University (UNU), the Institute helps build a bridge between the academic world and the United Nations. UNU was founded in 1973 as an autonomous organ of the UN General Assembly and today encompasses 13 institutes and programmes located in 12 countries around the world.

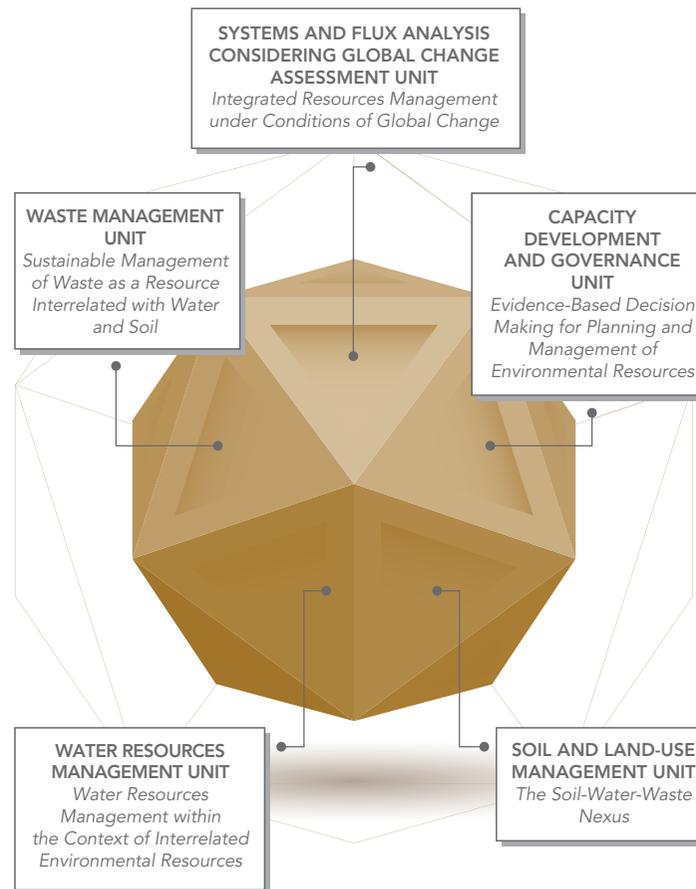
UNU as a whole aims to develop sustainable solutions for pressing global problems of human survival and development. Through a problem-oriented and interdisciplinary approach, UNU targets policy-relevant research, education, and capacity development on a global scale.

Find more information at unu.edu

VISION

UNU-FLORES acts at the forefront of initiatives promoting a Nexus Approach to the sustainable management of water, soil, and waste. The Institute supports the overall mission of UNU as a think tank for the United Nations and its Member States, in particular addressing the needs of developing countries and emerging economies. In this role, UNU-FLORES aspires to become an internationally recognised hub and intellectual focal point promoting integrated management strategies.

SUSTAINABLE USE AND INTEGRATED MANAGEMENT OF THE ENVIRONMENTAL RESOURCES: WATER, SOIL, AND WASTE



Find more information at flores.unu.edu

Additionally, UNU-FLORES attracts high-calibre students for postgraduate study in cooperation with other research institutions. The Institute builds the capacity of future leaders in the area of environmental resources management and develops innovative concepts for target- and region-specific knowledge transfer.

MISSION

“Advancing the nexus approach to the sustainable management of environmental resources”

In line with the general mission of UNU to foster sustainable development, UNU-FLORES aims to contribute to the resolution of pressing challenges to the sustainable use and integrated management of environmental resources, such as water, soil and waste. UNU-FLORES strives to advance the development of integrated management strategies that take into consideration the impact of global change on the sustainable use of environmental resources. To this end, the Institute engages in research, teaching, advanced training, capacity development and dissemination of knowledge.

THE NEXUS APPROACH

Advancing a Nexus Approach to the sustainable management of the environmental resources such as water, soil, and waste is the main mission of UNU-FLORES. The Nexus Approach is based on the belief that vital environmental resources are strongly interconnected and require a unique perspective to manage them sustainably. Such a nexus perspective must take into account different sectors and disciplines in both research and capacity development and strive for holistic management strategies.