

1. Record Nr.	UNINA9910715004803321
Titolo	The strategic energy imperative : a majority staff report prepared for the use of the Committee on Energy and Natural Resources, United States Senate, One Hundred Sixteenth Congress, second session, September 15, 2020
Pubbl/distr/stampa	Washington : , : U.S. Government Publishing Office, , 2020
Descrizione fisica	1 online resource (v, 36 pages) : color illustrations
Collana	S. Prt. ; ; 116-45
Soggetti	Energy policy - United States Energy development - Government policy - United States Power resources - Technological innovations - United States Competition, International Energy development - Government policy Energy policy Power resources - Technological innovations United States
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	At head of title: Committee Print.
Nota di bibliografia	Includes bibliographical references.

2. Record Nr.	UNINA9910309663503321
Titolo	The Alte Donau: Successful Restoration and Sustainable Management : An Ecosystem Case Study of a Shallow Urban Lake // edited by Martin T. Dokulil, Karl Donabbaum, Katrin Teubner
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2018
ISBN	3-319-93270-5
Edizione	[1st ed. 2018.]
Descrizione fisica	1 online resource (405 pages)
Collana	Aquatic Ecology Series ; ; 10
Disciplina	627.14
Soggetti	Aquatic ecology Water quality Water - Pollution Biotic communities Urban ecology (Biology) Environmental management Freshwater & Marine Ecology Water Quality/Water Pollution Ecosystems Community & Population Ecology Urban Ecology Water Policy/Water Governance/Water Management
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	1. Concepts for restoration: Nutrient loading, thresholds and alternative stable states -- 2. From a river to an urban lake. Historic development -- 3. Morphology, water temperature and climate -- 4. Hydrological aspects of Alte Donau -- 5. Restoration and lake management -- 6. Long-term changes of the physico-chemical conditions in Alte Donau -- 7. Sediment -- 8. Wax and wane of macrophytes -- 9. The signature of Phytoplankton in Alte Donau: response to trophic change from hypertrophic to mesotrophic over 22 years -- 10. Phytoplankton photosynthesis and production -- 11. The response of zooplankton to

restoration and climate warming in Alte Donau -- 12. The Ciliate Assemblage in Alte Donau -- 13 Microbial and viral loop in Alte Donau: A case study -- 14. The effect of restoration measures on the benthic invertebrates of a Danube backwater (Alte Donau) -- 15. Fish assemblages of the 'Alte Donau' system: Communities under various pressures -- 16. The stocks of waterbirds on the Alte Donau in Vienna -- 17. Hygienic aspects of a recreational water-body -- 18. Restoration of the littoral zone -- 19. New planning activities in Vienna's water-management -- 20. Eutrophication, management and sustainable development of urban Lakes: General considerations and specific solutions for Alte Donau - A Synthesis.

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#### Sommario/riassunto

Here we report on a 25-year long-term sequence of measures to return a deteriorated recreational urban lake, Alte Donau in Vienna to acceptable water quality. Metropolitan waters require focused ecosystem management plans and intensive in-lake efforts. We explored physico-chemical conditions, food web from viruses to fish and water birds, the sediments, the littoral zone and the catchment, management and urban planning, and global warming. Several restoration techniques were tested and critically evaluated. The final management plan was based on bi-stable theory. During the recovery phase, numerous surplus adjustments had to be implemented to secure sustainable achievement.

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