Record Nr. UNISA996213775203316 Autore Ignar Stefan Titolo Wetlands and Water Framework Directive [[electronic resource]]: Protection, Management and Climate Change / / edited by Stefan Ignar, Mateusz Grygoruk Pubbl/distr/stampa Cham, : Springer Nature, 2015 Cham:,: Springer International Publishing:,: Imprint: Springer,, 2015 **ISBN** 9783319137643 (PDF) 9783319137636 (ebook) 9783319137636 (hardback) Edizione [1st ed. 2015.] Descrizione fisica 1 online resource (xi,103 pages): illustrations Collana GeoPlanet: Earth and Planetary Sciences, , 2190-5193 Disciplina 333.91 Soggetti Environmental sciences **Environmental management** Geoecology Environmental geology **Environmental Science and Engineering** Water Policy/Water Governance/Water Management Geoecology/Natural Processes Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di bibliografia Includes bibliographical references at the end of each chapters. Nota di contenuto Wetlands and Water Framework Directive: protection, management and climate change -- Synergies and Conflicts between Water Framework Directive and Natura 2000: Legal requirements, technical guidance and experiences from practice -- Can Natura 2000 Sites Benefit from River Basin Management Planning Under a Changing Climate? Lessons from Germany -- Do water management and climate-adapted management of wetlands interfere in practice? Lessons from the Biebrza Valley. Poland -- Wetlands in river valleys as an effect of fluvial processes and anthropopression -- New vision of the role of land reclamation systems

in nature protection and water management.

Sommario/riassunto

This book compares the lessons learned from a wetland-perspective

approach to the changing climate and the requirements of the Water

Framework Directive (WFD) with regard to environmental conservation. Examples from Germany and Poland are discussed due to the efficiency of their respective implementations of water conservation policies. Although the general scientific interest in specific issues such as wetlands, climate change, nature conservation and the WFD enjoy a well established position in international environmental research, these four elements are rarely considered together due to the complexity of the processes, biased scenarios of global change and subjective policy background. Major challenges involved in carrying out environmental conservation actions that assess the potential impacts of climate change and management plans on water bodies are identified. The results of this approach are addressed to practitioners in the field of adaptive management in a wetlands context.