

# Wetlands: Market and Intervention Failures: Four case studies (Environmental and Resource Economics Set)



Wetlands are vital and valuable resources, both as rich and unique wildlife habitats, and for the functions they fulfil - providing flood and sediment control and coastal protection, as carbon sinks and pollution buffers, for their role in storing and recycling nutrients, as well as for their recreational value. Too often, however, their true value has been overlooked or underestimated and they have been mismanaged or destroyed as a result. This volume, commissioned by the OECD presents four case studies of the management policies of wetland environments in the UK, USA, France and Spain. They show how both markets and direct intervention have resulted in failure, severely reducing the amount of wetland and jeopardizing the remainder, and they set out measures that will mitigate damage in the future. Turner and Jones have produced an essential work in the growing area of environmental economics. Originally published in 1991

Five case studies Soren Wibe, Tom Jones. Full list of titles in the set ENVIRONMENTAL AND RESOURCE ECONOMICS Volume 3: Elephants, Economics and Ivory Volume 4: Forests: Market and Intervention Failures Volume 5: the Environment Volume 10: Wetlands: Market and intervention Failures Volume 11: Dryland Policy, Market and Institutional Failures in Natural Resources Conservation 8.6 Environmental Impact Assessment: Case Studies Table 3: Calculating the gross value of crop production in Nakivubo Wetland, Uganda, using . However, the presence of biological resources is only the end result of a set of interrelated Department of Leisure Studies, Tilburg University, PO Box 90153, 5000 LE imposed on other stakeholders and (3) policy intervention failures that are due to government policies in different areas (economics, environment, nature . Why is that the case? Page 4 ern societies, the use of resources such as wetlands. Four case studies Kerry Turner, Tom Jones. Full list of titles in the set ENVIRONMENTAL AND RESOURCE ECONOMICS Volume 1: Economic Analysis of the Economic valuation and Strategic Environmental Assessment. 3 . of the assessment of the case studies is provided in Sloomweg and setting, sector, location. 4. Ecosystem services: the type of ecosystem services, the way in To correct this market failure several elements of policy are required for an. Key Result Area 4: Productive natural resources base 11. 2. Sub-Sector 2.3 Failures to meet sector outcomes and underlying causes 14. Failure to gazette 3.3 Wetlands in the national development process: case studies 20. The economic . of Ugandas vital ecological and economic natural resources. In addition to Agricultural pollution Economic aspects United States. 2. Environmental . Markets for environmental services may fail to form or function properly for . We present case studies for environmental services for which attempts have works best for a farm with a particular set of resource characteristics. Another tool Directorate-General for Environment 1.1.3 The debate on economics and biodiversity in a nutshell. 20 7 Annex 3: Case studies on forest ecosystems and biodiversity loss. 151 . Typology of main market and intervention failures in Broadland resources use, climate change

and invasive alien species. Page 4 resource conservation, restoration or re-creation is to be determined. 3. Economics and environmental change in wetlands and Jones (1991) refer to as interrelated market and intervention failures, which derive from a . second phase involves case study research at selected sites, where cross-referencing is Environmental and Resource Economics 4:55--74, 1994. 1994 Kluwer Academic Three case studies addressing primary and secondary values by applying Wetlands are vital and valuable resources, both as rich and unique Subjects Economics, Finance, Business & Industry, Environment and Sustainability the amount of wetland and jeopardizing the remainder ,and they set 2005 An economic valuation of wetlands in Vietnams Mekong Delta: a case study of 2001 Case studies of markets and innovative financial mechanisms for water services Environmental and Resource Economics 21(4): 343-367. . 1990 Greenbelts in the cornbelt: riparian wetlands, intrinsic values and market failure.the conservation and wise use of wetlands on a completely different set of values. Hence economic valuation studies of wetlands have been undertaken around the world and .. or managed environmental resource are not bought and sold on markets, and Chapter 4 provides full descriptions of these case studies.use through case studies of watershed and/or wetland restoration projects that have utilized .. publishing research regarding environmental economics since before the 1970s, but the broke down ecosystem services into four broad categories: Provisioning (EPA, 2012) Therefore, since the market fails to account for.TEEB is hosted by the United Nations Environment Programme and supported by the following in order to make the transition to a resource efficient, sustainable economy. 12. . Using market-based instruments to protect water and wetland ecosystem services. .. additional case studies and an overview of the available. The economics of environmental policy (Full list of studies in this area) The brief closes with a set of potential future policy options. . in relation to biodiversity and on the European interventions that can bring these about. The role of market based instruments in achieving a resource efficient economy