

1. Record Nr.	UNINA9910784057103321
Titolo	Wind-Diesel and Wind Autonomous Energy Systems // editor, H. Nacfaire
Pubbl/distr/stampa	Boca Raton, FL : , : CRC Press, , 2014
ISBN	0-429-07924-9 0-415-51586-6 1-4822-8650-5 1-280-04993-6 9786610049936 6610049939 0-203-21637-7
Edizione	[First edition.]
Descrizione fisica	1 online resource (210 p.)
Disciplina	621.31/2136
Soggetti	Diesel electric power-plants - Europe Wind power - Europe
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"EUR 11931."--verso t.p. Proceedings of a contractors' meeting organised by the Commission of the European Communities, Directorate-General for Energy, held in Mykonos, Greece, Apr. 25-26, 1988.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Book Cover; Title; Contents; Preface; Overview of wind/diesel systems; Control and load management systems on wind power plants connected to diesel based grids; The demonstration of a 100 kW vertical axis wind turbine; Karpathos Island wind project; The Shetland wind demonstration project; A 100 kW wind turbine system concept; A 100 kW Darrieus wind turbine system; Two, small and medium power rated, autonomous wind-diesel systems; Development of autonomous wind energy power plants Development and construction of a modular system for an autonomous electrical power supply on the Irish island of Cape Clear Wind energy converter for aerobic treatment of sewage; Mykonos Island wind project; Wind/diesel electricity supply, Anholt Island; Complementary electricity at Amsterdam Island with a VAWT Darrieus

type, 10 m diameter; Hibrid wind-diesel system for commercial exploitation; Autonomous wind-diesel pump system; Foula wind-pump-hydro system, the development of a control strategy; Wind diesel project in China; A SURVEY OF THE PAPERS PRESENTED; CONCLUDING REMARKS  
LIST OF PARTICIPANTS  
INDEX OF AUTHORS

Sommario/riassunto	"Proceedings of a contractors' meeting on wind demonstration projects, organized by the Commission of the European Communities, Directorate-General for Energy, held in Mykonos, Greece, 25-26 April 1988."--Provided by publisher.
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2. Record Nr.

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Titolo

Regional cooperation for water quality improvement in southwestern Pennsylvania / / Committee on Water Quality Improvement for the Pittsburgh Region, Water Science and Technology Board; Division on Earth and Life Studies, National Research Council of the National Academies

Pubbl/distr/stampa

Washington, DC, : National Academies Press, c2005

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Descrizione fisica

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Disciplina

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Soggetti

Water quality management - Pennsylvania - Pittsburgh Metropolitan Area  
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Note generali

Description based upon print version of record.

Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	<p>""Front Matter""; ""Preface""; ""Contents""; ""Executive Summary""; ""1 Introduction""; ""2 Regional Water Resources: Physiographical, Historical, and Social Dimensions""; ""3 Water Quality in the Region""; ""4 Causes of Water Quality Impairment""; ""5 Water Quality Improvement: Decision-Making Strategies and Technical Solutions""; ""6 Water Quality Improvement: Institutional and Financial Solutions""; ""7 Implications Beyond Southwestern Pennsylvania""; ""Acronyms""; ""Appendixes""; ""Appendix A Southwestern Pennsylvania Local Resource Panel""</p> <p>""Appendix B Summary of Select Reports Concerning Water and Wastewater Quality Problems of Southwestern Pennsylvania""""Appendix C Glossary""; ""Appendix D Water Science and Technology Board""; ""Appendix E Committee and Staff Biographical Information""</p>
Sommario/riassunto	<p>The city of Pittsburgh and surrounding area of southwestern Pennsylvania face complex water quality problems, due in large part to aging wastewater infrastructures that cannot handle sewer overflows and stormwater runoff, especially during wet weather. Other problems such as acid mine drainage are a legacy of the region (TM)s past coal mining, heavy industry, and manufacturing economy. Currently, water planning and management in southwestern Pennsylvania is highly fragmented; federal and state governments, 11 counties, hundreds of municipalities, and other entities all play roles, but with little coordination or cooperation. The report finds that a comprehensive, watershed-based approach is needed to effectively meet water quality standards throughout the region in the most cost-effective manner. The report outlines both technical and institutional alternatives to consider in the development and implementation of such an approach.</p>