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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 ClearWind 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 PARTICIPANTSINDEX 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.

**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

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""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""

Sommario/riassunto

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.