1. Record Nr. UNINA9910796199403321 Autore Vojinovic Zoran **Titolo** Flood risk: the holistic perspective: from integrated to interactive planning for flood resilience / / Zoran Vojinovic London, [England]:,: IWA Publishing,, 2015 Pubbl/distr/stampa ©2015 **ISBN** 1-78040-533-2 Descrizione fisica 1 online resource (300 p.) Collana **Urban Hydroinformatics Series** Disciplina 363.34936 Soggetti Flood damage prevention Flood control Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Includes bibliographical references and index. Nota di bibliografia ""Cover"": ""Copyright"": ""Dedication""; ""Contents""; ""Foreword by Nota di contenuto Michael B. Abbott""; ""Foreword by Kuniyoshi Takeuchi""; ""Preface""; ""Acknowledgements""; ""Chapter 1: Floods in urban areas""; ""1.1 Setting the Scene"; ""1.2 On Values and Qualities""; ""1.3 Paving the Way Forward: Shifting the Focus""; ""1.4 Differentiating between Different Types of Floods and Their Impacts""; ""1.5 The Need for Adaptation Calls for Holistic Approaches""; ""1.6 Towards a New Economic Paradigm: Economics, Ethics and Wellbeing": ""Chapter 2: Holistic thinking""; ""2.1 The Rise of Holistic Thinking" ""2.2 From the Parts to the Whole"""2.3 Tracing the Roots of Urban Flood Risk from Four Levels of the Whole""; ""2.4 Mathematics of Complexity and Interactions""; ""Chapter 3: Moving beyond traditional practices""; ""3.1 Towards Holistic Planning for Flood Resilience""; ""3.2 Synergy with Ecosystem Services"; ""3.3 Good Governance for Holistic Planning"": ""3.4 The ABC Framework for Implementation of Holistic Approaches""; ""Chapter 4: A. Holistic risk assessment""; ""4.1 The Purpose of the Holistic Flood Risk Assessment"": ""4.2 Data Gathering""; ""4.3 Root Causes""; ""4.4 Diagnostics"" ""4.4.1 Assessment of hazards"""4.4.2 Assessment of vulnerabilities""; ""4.4.3 Assessment of impacts""; ""4.4.4 Quantitative assessment of

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