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Nota di contenuto	<p>Intro -- Preface -- Contents -- What Is a "Pervasive Information System" (PIS)? -- 1 Introduction -- 2 What Is an Information System (IS)? -- 3 Information System Evolution: Towards a Pervasive Information System -- 4 Defining Pervasive Information System -- 5 PIS Requirements and Characteristics -- 5.1 Minimal Requirements -- 5.2 Additional Characteristics -- 6 Final Remarks -- References -- Design and Modeling in Pervasive Information Systems -- 1 Introduction -- 2 Research Approach -- 3 Results of the Systematic Mapping Study -- 3.1 RQ1. What Is the Distribution Evolution of the Sources? -- 3.2 RQ2. How Is Addressed the Design and Modeling of Pervasive Information Systems in Research Proposals? -- 3.2.1 Paper Type -- 3.2.2 Nature of the Proposal -- 3.2.3 Added Value of the Proposal -- 3.2.4 Usage of the IoT Based System -- 3.2.5 Application Domain -- 3.2.6 Discussion -- 3.3 RQ3. How Are Met the PIS Requirements in These Design-Dedicated Research Proposals? -- 4 Conclusion and Open Issues -- References -- SMS References*12pt -- The Context Awareness Challenges for PIS -- 1 Introduction -- 2 Literature Review -- 3 Towards a Context Facility -- 4 Impact of a Context Facility Vision on Context Management -- 5 Discussion -- 6 Conclusion -- Bibliography -- Middleware Supporting PIS: Requirements, Solutions, and Challenges -- 1 Introduction -- 2 Requirements for PIS Middleware -- 2.1 Sensing and Actuation Support -- 2.2 Context-Awareness -- 2.3 Dynamic</p>

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