

1. Record Nr.	UNINA9910404082903321
Autore	Sun Ge
Titolo	Managing Forests and Water for People under a Changing Environment
Pubbl/distr/stampa	MDPI - Multidisciplinary Digital Publishing Institute, 2020
ISBN	3-03928-824-5
Descrizione fisica	1 online resource (198 p.)
Soggetti	Biology, life sciences
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	<p>Forests cover 30% of the Earth's land area, or nearly four billion hectares. Enhancing the benefits and ecosystem services of forests has been increasingly recognized as an essential part of nature-based solutions for solving many emerging global environmental problems today. A core science supporting forest management is understanding the interactions of forests, water, and people. These interactions have become increasingly complex under climate change and its associated impacts, such as the increases in the intensity and frequency of drought and floods, increasing population and deforestation, and a rise in global demands for multiple ecosystem services including clean water supply and carbon sequestration. Forest watershed managers have recognized that water management is an essential component of forest management. Global environmental change is posing more challenges for managing forests and water toward sustainable development. New science on forest and water is critically needed across the globe. The International Forests and Water Conference 2018, Valdivia, Chile (http://forestsandwater2018.cl/), a joint effort of the 5th IUFRO International Conference on Forests and Water in a Changing Environment and the Second Latin American Conference on Forests and Water provided a unique forum to examine forest and water issues in Latin America under a global context. This book represents a collection of some of the peer-reviewed papers presented at the conference that were published in a Special Issue of <i>Forests</i>.</p>

2. Record Nr.	UNINA9910970607503321
Autore	Bailey David (Telecommunications engineer)
Titolo	Practical SCADA for industry / / David Bailey, Edwin Wright
Pubbl/distr/stampa	Amsterdam ; ; London, : Elsevier, 2003
ISBN	9786611222666 9781281222664 1281222666 9780080473901 0080473903
Edizione	[1st ed.]
Descrizione fisica	1 online resource (298 p.)
Altri autori (Persone)	WrightEdwin (Engineer)
Disciplina	670.4275
Soggetti	Automatic data collection systems Supervisory control systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Contents; 1. Background to SCADA; 2. SCADA systems, hardware and firmware; 3. SCADA systems, software and protocols; 4. Landlines; 5. Local area network systems; 6. Modems; 7. Central site computer facilities; 8. Troubleshooting and maintenance; 9. Specification of systems; Appendix A: Glossary; Appendix B: Interface Standards; Appendix C: CITECT practical; Index
Sommario/riassunto	A SCADA system gathers information, such as where a leak on a pipeline has occurred, transfers the information back to a central site, alerting the home station that the leak has occurred, carrying out necessary analysis and control, such as determining if the leak is critical, and displaying the information in a logical and organized fashion. SCADA systems can be relatively simple, such as one that monitors environmental conditions of a small office building, or incredibly complex, such as a system that monitors all the activity in a nuclear power plant or the activity of a municipal water sy