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Autore	Banerjee Sudeshna Ghosh <1973->
Titolo	Power and people : : the benefits of renewable energy in Nepal / / Sudeshna Ghosh Banerjee, Avjeet Singh, Hussain Samad
Pubbl/distr/stampa	Washington, D.C. : , : World Bank, , 2011
ISBN	9780821387894 0821387898
Edizione	[1st ed.]
Descrizione fisica	xix, 112 pages : illustrations ; ; 25 cm
Collana	World Bank study
Altri autori (Persone)	SinghAvjeet SamadHussain A. <1963->
Disciplina	333.79/4095496
Soggetti	Rural electrification - Nepal Renewable energy sources - Nepal Rural development - Nepal
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"June 2010."
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Contents; Acronyms and Abbreviations; Acknowledgments; Executive Summary; Figures; Tables; 1. A Long Road to Expanding Rural Access; 2. Objectives and Methodology of a Monitoring Framework Design for Renewable Energy; 3. Coverage and Attributes of Micro-Hydro for Households and Enterprises; 4. Benefits of Electrification to Rural Households; Boxes; 5. Implementation of the Management Information System (MIS); 6. Action Plan and Way Forward for AEPC; References; Annexes
Sommario/riassunto	This report is an output of the technical assistance activity carried out over 2008-2010 to Alternative Energy Promotion Center (AEPC), which is the nodal renewable energy agency of Nepal. This study has been designed to establish a monitoring system for AEPC to continually measure the results of the renewable energy programs against the targets and to organize an evaluation system that measures the impact of micro-hydro installations on rural livelihoods. Given AEPC's highly visible role, the need to develop a system that provides information on a wide range of technical, operational, and fin

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Autore	Zheng Rong
Titolo	Acoustic Sensing on Commodity Devices and its Applications / / by Rong Zheng, Chao Cai
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2025
ISBN	9783031968754 9783031968747
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (176 pages)
Collana	Wireless Networks, , 2366-1445
Altri autori (Persone)	CaiChao
Disciplina	621.382
Soggetti	Signal processing Acoustical engineering Telecommunication Acoustics Signal, Speech and Image Processing Engineering Acoustics Microwaves, RF Engineering and Optical Communications
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Ch 1: Introduction -- Ch 2: Acoustic Waveform Design -- Ch 3: Basic Building Blocks for Acoustic Sensing -- Ch 4: Aerial Acoustic Communication -- Ch 5: Location Services -- Ch 6: Physiological and Behavioral Sensing.
Sommario/riassunto	This book is intended for researchers, engineers, and students who have an interest in designing acoustic sensing solutions on commodity devices. The authors provide an in-depth coverage of the basic building blocks, state-of-the-art algorithms for active acoustic sensing on commodity devices, design considerations, and novel applications they enable. The authors start by providing a comprehensive overview of diverse active acoustic sensing applications. They then discuss the fundamental acoustic signal processing and acoustic waveform design techniques. Finally, they delve deeply into three specific categories of acoustic sensing applications: aerial acoustic communication, spatial context awareness, and physiological and behavior sensing. Each category of applications is thoroughly examined, covering aspects such

as motivation, problem setup, existing solutions, case studies, and open problems. Additionally, the authors provide reference implementations of key algorithms discussed in the book. Provides fundamental knowledge on designing acoustic sensing solutions for commodity devices; Includes state-of-the-art practices and research on acoustic sensing and results in the field; Features reference implementation of key algorithms.