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Titolo	Advances in Information and Communication Technologies for Adapting Agriculture to Climate Change : Proceedings of the International Conference of ICT for Adapting Agriculture to Climate Change (AACC'17), November 22-24, 2017, Popayán, Colombia // edited by Plamen Angelov, Jose Antonio Iglesias, Juan Carlos Corrales
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Descrizione fisica	1 online resource (XIII, 265 p. 118 illus.)
Collana	Advances in Intelligent Systems and Computing, , 2194-5365 ; ; 687
Disciplina	333.7614
Soggetti	Computational intelligence Agriculture Climatology Artificial intelligence Telecommunication Computational Intelligence Climate Sciences Artificial Intelligence Communications Engineering, Networks
Lingua di pubblicazione	Inglese
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Nota di bibliografia	Includes bibliographical references and index.
Sommario/riassunto	This book presents novel communication technology solutions to address the effects of climate change and climate variability on agriculture, with a particular focus on those that increase agricultural production. It discusses decision support and early warning systems for agriculture; information technology (IT) supporting sustainable water management and land cover dynamics; predictive of crop production models; and software applications for reducing the effects of diseases and pests on crops. Further topics include the real-time monitoring of weather conditions and water quality, as well as food security issues. Featuring the proceedings of the International Conference of ICT for

Adapting Agriculture to Climate Change (AACC'17), held on November 22–24, 2017, in Popayán, Colombia, the book represents a timely report and a source of new ideas and solutions for both researchers and practitioners active in the agricultural sector around the globe.

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