

1. Record Nr.	UNINA9910985890503321
Autore	Bonnet Bernard
Titolo	Desertification and Climate Change
Pubbl/distr/stampa	Versailles : , : Quae, , 2024 ©2025
Edizione	[1st ed.]
Descrizione fisica	1 online resource (124 pages)
Collana	Enjeux Sciences Series
Altri autori (Persone)	ChotteJean-Luc HiernauxPierre IckowiczAlexandre LoireauMaud
Disciplina	333.736
Soggetti	Desertification
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Intro -- Contents -- Foreword -- What is the nature and extent of desertification? -- Does desertification only involve the expansion of deserts? -- Does climate change exacerbate the desertification process? -- Which regions and populations are affected by desertification? -- Can we adapt to desertification? -- According to the UNCCD, why is it important to combat desertification and who should be involved? -- Learn more -- What are the causes and consequences of desertification? -- What are the processes, how do they interact and where do they occur? -- How do certain practices lead to desertification? -- How do economic and land institutions engender desertification? -- How does desertification affect soil ecosystem services? -- How does desertification affect biodiversity? -- How do desertification and water resources impact EACH other? -- How does desertification affect the atmosphere and climate? -- What are the economic effects of desertification? -- How does desertification make populations vulnerable and what are the repercussions? -- Learn more -- How and why should we combat desertification? -- What does it mean to "combat desertification"? -- Why do we need a holistic and systemic approach? -- Why do we need a territorial approach? -- Why do we need an interdisciplinary, multistakeholder approach? -- Why are

agroecology-based solutions important? -- Why should we foster complementarity between local, regional and global scales? -- How does adapting to climate and environmental variations help combat desertification? -- What are the different techniques for rehabilitating land affected by desertification? -- What impacts and results have efforts to combat desertification had to date? -- Learn more -- What support mechanisms exist to combat desertification? -- What legal provisions exist in this area?.

What support is available for territorial stakeholders to combat desertification? -- What research is being done to combat desertification? -- What specialized training is available? -- Learn more -- Contributors.

Sommario/riassunto

What causes vegetation and soil degradation?What are the consequences for ecosystems, biodiversity, water resources and the climate?What are future impacts on human societies and the economy? Desertification is often wrongly perceived as a remote issue for our European countries.

2. Record Nr.

UNINA9910627264803321

Titolo

Digital Phenotyping and Mobile Sensing : New Developments in Psychoinformatics / / edited by Christian Montag, Harald Baumeister

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Descrizione fisica

1 online resource (466 pages)

Collana

Studies in Neuroscience, Psychology and Behavioral Economics, , 2196-6613

Disciplina

576.53
150.285

Soggetti

Biomedical engineering
Medical informatics
Clinical health psychology
User interfaces (Computer systems)
Human-computer interaction
Biomedical Devices and Instrumentation
Health Informatics
Health Psychology
User Interfaces and Human Computer Interaction

Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Chapter 1: Digital Phenotyping and Mobile Sensing In Psychoinformatics—A Rapidly Evolving Interdisciplinary Research Endeavor -- Chapter 2: Ethical Considerations of Digital Phenotyping from the Perspective of a Healthcare Practitioner -- Chapter 3: Computerized Facial Emotion Expression Recognition -- Chapter 4: An Overview on Doing Psychodiagnostics in Personality Psychology and Tracking Physical Activity via Smartphones. .
Sommario/riassunto	<p>This book offers a snapshot of cutting-edge applications of digital phenotyping and mobile sensing for studying human behavior and planning innovative e-healthcare interventions. The respective chapters, written by authoritative researchers, cover both theoretical perspectives and good scientific and professional practices related to the use and development of these technologies. They share novel insights into established applications of mobile sensing, such as predicting personality or mental and behavioral health on the basis of smartphone usage patterns, and highlight emerging trends, such as the use of machine learning, big data and deep learning approaches, and the combination of mobile sensing with AI and expert systems. Important issues relating to privacy and ethics are analyzed, together with selected case studies. This thoroughly revised and extended second edition provides researchers and professionals with extensive information on the latest developments in the field of digital phenotyping and mobile sensing. It gives a special emphasis to trends in diagnostics systems and AI applications, suggesting important future directions for research in public health and social sciences.</p>