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Titolo	Climate and hydrology in mountain areas [[electronic resource] /] / editors, Carmen de Jong, David Collins, Roberto Ranzi
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Altri autori (Persone)	De JongCarmen CollinsDavid (David N.) RanziRoberto
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Climate and Hydrology in Mountain Areas; Contents; List of contributors; List of symbols; Abbreviations; Introduction: Climate and Hydrology in Mountain Areas; 1 Alpine Climate Change and Cryospheric Responses: An Introduction; PART I SNOW AND ICE MELT; 2 Use of Positive Degree-Day Methods for Calculating Snow and Ice Melting and Discharge in Glacierized Basins in the Langtang Valley, Central Nepal; 3 Surface Energy Balance of High Altitude Glaciers in the Central Andes: The Effect of Snow Penitentes 4 Using Subgrid Parameterisation and a Forest Canopy Climate Model for Improving Forecasts of Snowmelt Runoff5 Assessment of Snow-covered Areas Using Air Temperatures During Melt in a Mountainous Basin; PART II SOIL WATER AND PERMAFROST; 6 Permafrost Monitoring

in High Mountain Areas Using a Coupled Geophysical and Meteorological Approach; 7 Effects of Frozen Soil on the Groundwater Recharge in Alpine Areas; 8 Water Balance in Surface Soil: Analytical Solutions of Flow Equations and Measurements in the Alpine Toce Valley
9 Saturated Hydraulic Conductivity and Water Retention Relationships for Alpine Mountain Soils
PART III EVAPOTRANSPIRATION AND WATER BALANCE; 10 Water Balance Modeling with Fuzzy Parameterizations: Application to an Alpine Catchment; 11 Water Relations of an Old-growth Douglas Fir Stand; 12 Comparison of Evapotranspiration and Condensation Measurements between the Giant Mountains and the Alps; 13 Climatologic and Hydrologic Coupling in the Ecology of Norwegian High Mountain Catchments; PART IV COUPLING METEOROLOGY AND HYDROLOGY; 14 Runoff and Floods in the Alps: An Overview
15 The Use of Coupled Meteorological and Hydrological Models for Flash Flood Simulation
16 Operational Weather Radar Assessment of Convective Precipitation as an Input to Flood Modelling in Mountainous Basins; 17 Geomorphological Zoning: An Improvement to Coupling Alpine Hydrology and Meteorology?; PART V CLIMATE CHANGE IMPACT AND MOUNTAIN HYDROLOGY; 18 The Influence of Glacier Retreat on Water Yield from High Mountain Areas: Comparison of Alps and Central Asia; 19 Snowmelt Under Different Temperature Increase Scenarios in the Swiss Alps
20 Climate Variability, Water Resources, and Hydrologic Extremes - Modeling the Water and Energy Budgets
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Sommario/riassunto

A comprehensive overview of interaction of the major hydrological and meteorological processes in mountain areas ie Cryosphere and Climatic Change, Snow Melt and Soil Water, Run-off and Floods, Water fluxes and Water Balance, Hydro-meteorological Coupling and Modelling. Each section will review recent research in the field and illustrate key interactions with case studies from mountainous regions in Europe, The Americas and Central Asia.

2. Record Nr.	UNINA9910953978903321
Titolo	Architecture and its ethical dilemmas // edited by Nicholas Ray
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ISBN	1-134-27472-6 1-281-15864-X 9786611158644 0-203-64098-5
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Descrizione fisica	1 online resource (422 p.)
Altri autori (Persone)	RayNicholas
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Soggetti	Architects - Professional ethics Architectural practice - Moral and ethical aspects
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Nota di contenuto	Contents; Illustration credits; Notes on contributors; Foreword; Footnotes; Chapter 1 Introduction; Footnotes; Part 1 The historical perspective; Chapter 2 Practical wisdom for architects; The architect as quasi-arbitrator; Higher ideals; Survival; Architecture as art; Puginian truthfulness; Usefulness, and the architect's mission; The idea of the avant-garde; A moral agenda for today; Footnotes; Chapter 3 The Cambridge History Faculty Building; Footnotes; Part 2 The professional context in the twenty-first century; Footnotes; Chapter 4 Architecture and its ethical dilemmas; Partnering Specialist contractorsDesign quality; Footnotes; Chapter 5 Architecture, art and accountability; Footnotes; Chapter 6 Responsive practice; The context of practice; An ethical role; Managerial or ethical values; The design team; Appropriate architectural education; Measuring design quality; Footnotes; Chapter 7 On being a humble architect; Footnotes; Part 3 Accountability and the architectural imagination; Chapter 8 Accountability, trust and professional practice; Is trust obsolete?; Accountability and transparency; 'Managerial accountability'; Merits and limits of managerial accountability An intelligent approach to accountabilityThe general structure of intelligent accountability; Adding transparency; Standards for

intelligent accountability; Informed judgement; Independent judgement; Intelligible communication; Institutions, professions and professionalism; Footnotes; Chapter 9 Moral imagination and the practice of architecture; The practice of architecture; Practice as the locus of 'the good'; Narratives of practice; Communities of practice; Agency and responsibility; Moral imagination; Exercising moral imagination; Moral imagination in practice
Moral imagination as artisticMoral imagination as communal and systemic; Footnotes; Chapter 10 Codes of ethics and coercion; The ARB and the RIBA standards; Vulnerability; Cultural capital; Codes and coercion; Some partial prescriptions; Postscript; Footnotes; Part 4 Personal and public ethos; Chapter 11 Hearth and horizon; Competing ethical demands; Habit; The habits of architecture; An alternative ethos; Nature and culture; Footnotes; Chapter 12 Architecture, luxury and ethics; Footnotes; Part 5 Ethics and aesthetics; Chapter 13 Less aesthetics, more ethics
The ethical function of architectureCognitive mapping; Conclusions; Footnotes; Chapter 14 Architecture, morality and taste; Philosophy, history and philosophical merit; Beauty and the sensual; Culture; Courbet's Origin of the World; Conclusions; Footnotes; Chapter 15 Afterword; Footnotes; Select bibliography; Index

Sommario/riassunto

A cast of leading writers and practitioners tackle the ethical questions that architects are increasingly facing in their work, from practical considerations in construction to the wider social context of buildings, their appearance, use and place in the narrative of the environment. This book gives an account of these ethical questions from the perspectives of historical architectural practice, philosophy, and business, and examines the implications of such dilemmas. Taking the current discussion of ethics in architecture on to a new stage, this volume provides an accumulation of diverse o
