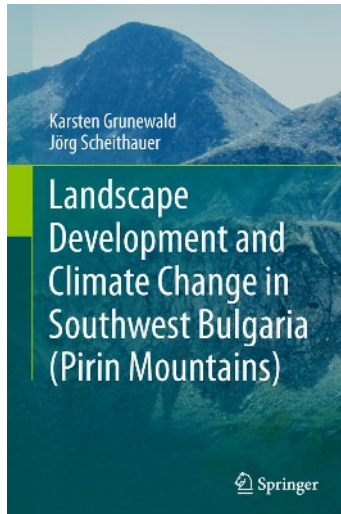


## NEW SPRINGER BOOK TITLE



# Landscape Development and Climate Change in Southwest Bulgaria (Pirin Mountains)

**Edited by:**

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and Regional Planning, Dresden, Germany*

**Jörg Scheithauer**, *Landscape Research Centre,  
Dresden, Germany*

### Keywords:

**Climate analysis**  
**Balkan paleoenvironment**  
**Treeline**  
**Dendroecology of *Pinus  
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*Landscape Development and Climate Change in Southwest Bulgaria* aims to address some of the current limitations in our understanding of past Balkan climate and environment. High mountains and their ecosystems offer an outstanding opportunity for studies on the impact of climate change. The Balkan Mountains in Southeast Europe, situated at the transition between temperate and Mediterranean climate, are considered as very sensitive to historical and current global changes. The geoarchives lake sediment, peat and soil, long living trees and glaciers have been used to reconstruct the climatically-driven change of forest and treeline during the Holocene and the younger past. These processes are interrelated with complex ecological changes, as for example the seasonality of climate parameters. The landscape research approach with the analyses through multi-palaeo-geocological proxies is new for the Balkans.

## Landscape Development and Climate Change in Southwest Bulgaria (Pirin Mountains)

### From the Table of Contents:

Preface.- 1. Geoarchives – why view the past?.- 2. The Pirin Mountains as a model region.- 3. Holocene climate and landscape chronology.- 4. Climate data and geo-archives of the recent past.- 5. Specifics of the regional climate and landscape history.- 6. Conclusion and outlook.- Indexes

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