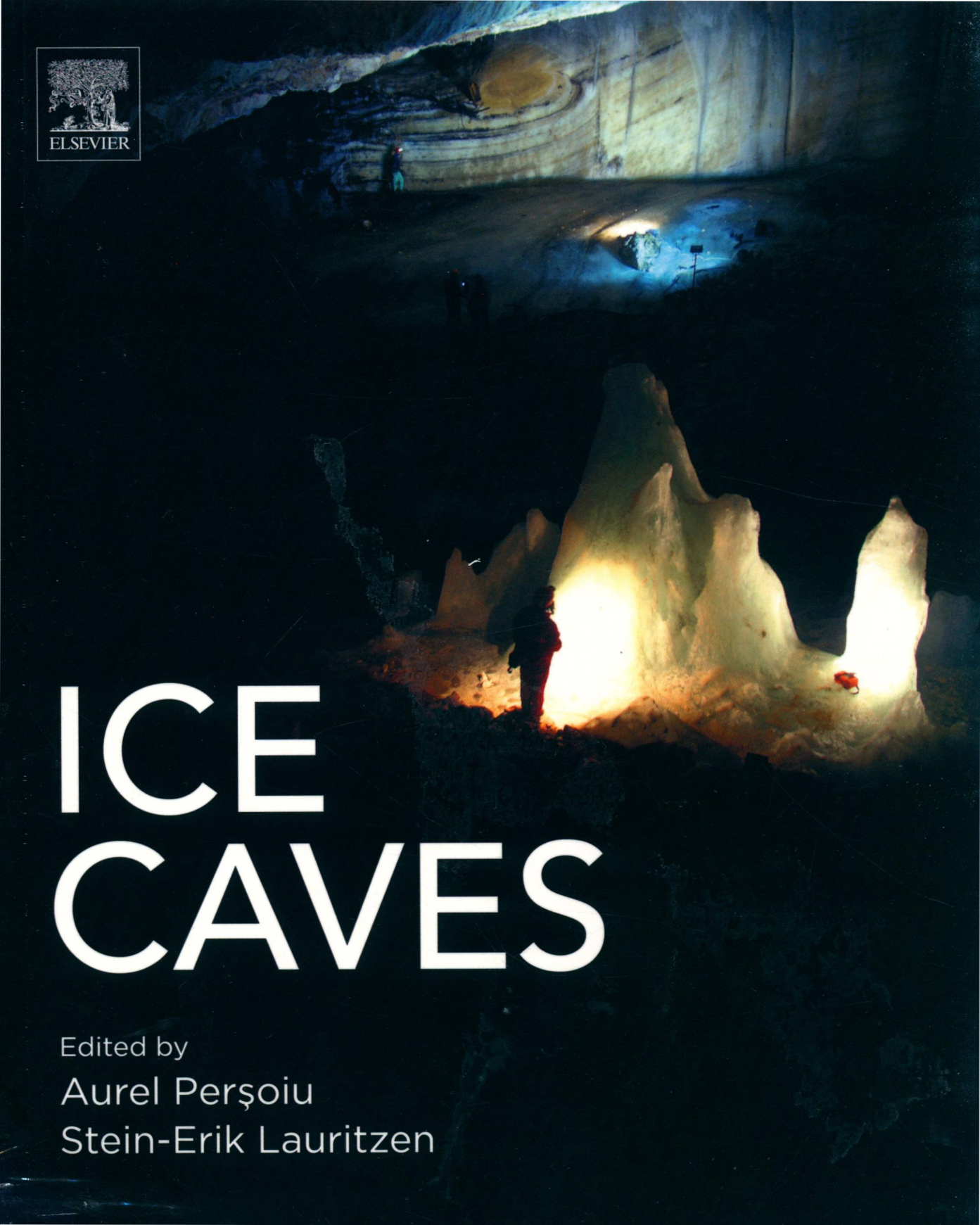
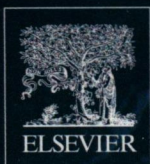


The background of the cover is a photograph of an ice cave. In the foreground, there are large, jagged ice formations illuminated from within, creating a warm, yellowish glow. A person in a red suit is visible standing near one of these formations. In the background, the cave walls are covered in ice, and a large, circular opening is visible. Several other people are scattered throughout the scene, some standing and others moving, all illuminated by artificial lights that create a mix of warm and cool tones.

ICE CAVES

Edited by
Aurel Perşoiu
Stein-Erik Lauritzen

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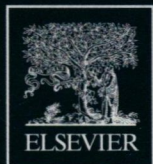
A singular reference bringing together research on ice caves—one of the most fascinating and least studied phenomena in the cryosphere

- Covers various aspects of ice occurrence in caves, including cave climate, ice genesis and dynamics, and cave fauna
- Features an overview of the paleoclimatic significance of ice caves
- Includes over 100 color images of ice caves around the world

Ice Caves synthesizes the latest research on ice caves from around the world, bringing to light important information that was heretofore buried in various reports, journals, and archives largely outside the public view. Ice caves have become an increasingly important target for the scientific community in the past decade, as the paleoclimatic information they host offers invaluable information about both present-day and past climate conditions. Ice caves are caves that host perennial ice accumulations and are the least studied members of the cryosphere. They occur in places where peculiar cave morphology and climatic conditions combine to allow for ice to form and persist in otherwise adverse parts of the planet. This book is an informative reference for scientists interested in ice cave studies, climate scientists, geographers, glaciologists, microbiologists, and permafrost and karst scientists.

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Ice Caves

The contributions presented in this book are the result of studies conducted by both amateur cavers and scientists; however, most of the work behind exploring the caves and gathering of data was done by anonymous cavers pursuing their curiosity and yearning for exploration—the children deep inside us.

This book is dedicated to them.

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