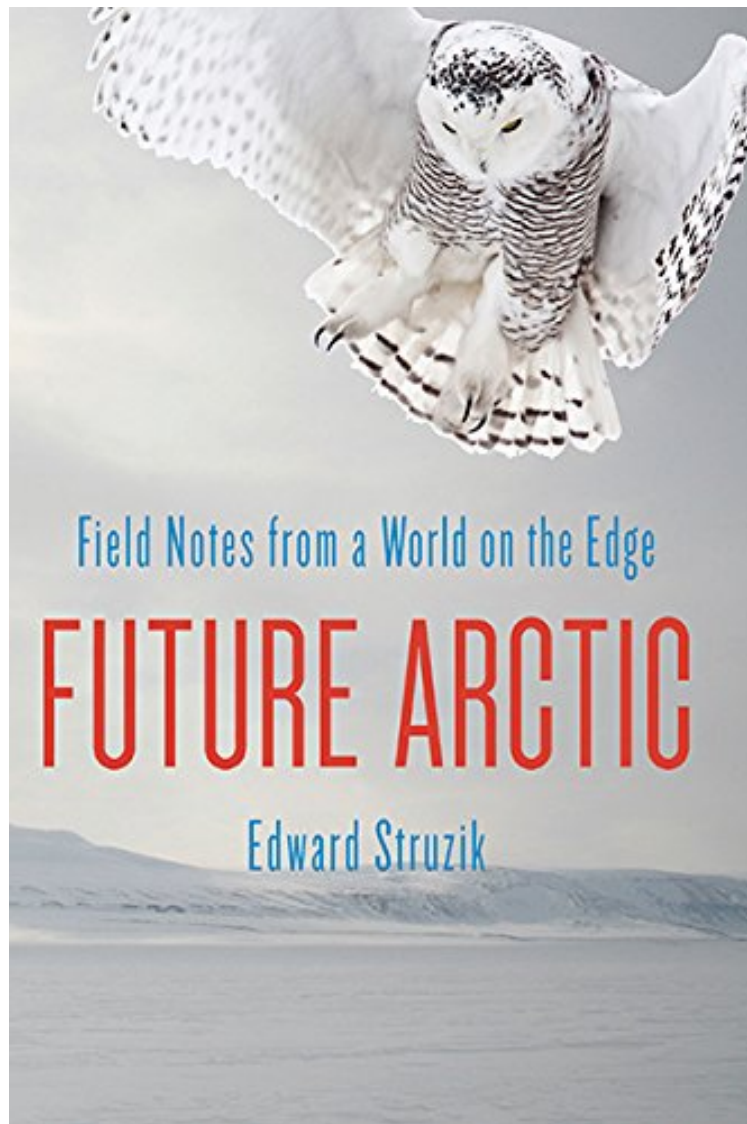


(Free pdf) Future Arctic: Field Notes from a World on the Edge

## Future Arctic: Field Notes from a World on the Edge

*Edward Struzik*

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**Edward Struzik : Future Arctic: Field Notes from a World on the Edge** before purchasing it in order to gage whether or not it would be worth my time, and all praised Future Arctic: Field Notes from a World on the Edge:

2 of 2 people found the following review helpful. Future ArcticBy David PhillipsThere are many factors that are contributing to the changing of the Arctic and what the future holds for this region. Even just ten years ago, no one predicted that sea ice in the Arctic would retreat as rapidly as it has and some models show that the Arctic could be seasonally ice-free as soon as 2030. With these climate changes there come many unanticipated events. The surprises

include an Arctic cyclone in 2012, storm surges that swept into the Yukon-Kuskokwim delta, and an ice shelf measuring 100 square miles breaking off of the Petermann Glacier. All of these surprises are having an even larger effect on the changes of the Arctic; which is making finding ways of adapting to changes even more of a priority for this region. Oran Young, a renowned Arctic expert believes that the best way to move forward is to invest in small-scale initiatives that will bring people from many different backgrounds together. These initiatives will address immediate threats to the Arctic and propose answers to these problems. In addition to these small-scale initiatives, the Arctic needs more international cooperation and the role of the Arctic Council needs to be strengthened. The fastest way of getting where the Arctic needs to go lies in the ability of scientists to make the connection of meteorological events to the changes that are occurring in the Arctic. Figuring out what the future Arctic will look like might seem like a lost cause with so many variables, but failing to do so could have many major unforeseen consequences. Unless action is taken soon, there will continue to be surprises in the Arctic that no one is prepared for; which will ultimately lead to the destruction of the Arctic as we know it. I would recommend this book to anyone who is interested in the changes that are happening in the Arctic and how these changes are affecting more than just the climate. If you are especially interested in the comparison of the Arctic in the past to how the Arctic is now and will be in the future; then this book is ideal.

0 of 0 people found the following review helpful. Enlightening, educational, and surprisingly optimistic. A very good read.

By Matthew Karns This was an excellent read on the most current issues and environmental concerns pertaining to the Arctic; it's political capital, wildlife, potential oil and gas exploration in the region, increasingly warmer temperatures, melting of sea ice, more extreme weather patterns and rising waters, risks to migrating shorebirds, polar bears, narwhales, seals, and indigenous peoples, and what a "future arctic" may indeed look like. Each chapter takes a topic, such as bird life, drilling in the region, polar bears, weather patterns, extreme weather, and begins with a fascinating personal anecdote from the author (he is very well traveled in the region and is eminently qualified to write on these subjects) and then proceeds to explain the concerns and problems associated with each subject of the chapter in a scientific but not overly technical manner, something as a layman reading this book I greatly appreciated. The book is extremely well written and keeps the readers interest and concern with each chapter subject with ease. Another aspect of the book I appreciated was that it was not all "gloom and doom" in saying that the Arctic is lost, polar bears will go extinct, a major oil spill will ruin the arctic ecosystem for 100 years, etc. On the contrary, the author is quite optimistic at times and offers very sound solutions and ideas for the problems he discusses in each chapter. The Arctic will definitely be an altered ecosystem in the future, but it is not lost all together and we can still save what beauty remains there. A very satisfying, enlightening, and educational read.

0 of 0 people found the following review helpful. The book is also nice and lite to carry as a back pack companion

By Louis Sudler I read this book while on a ship cruise to northern Greenland: I had previously visited Nunavut and the eastern Canada arctic. This book was an eye opener about the polar regions and what may be expected. Many of the changes discussed can be observed today. The book is also nice and lite to carry as a back pack companion!

In one hundred years, or even fifty, the Arctic will look dramatically different than it does today. As polar ice retreats and animals and plants migrate northward, the arctic landscape is morphing into something new and very different from what it once was. While these changes may seem remote, they will have a profound impact on a host of global issues, from international politics to animal migrations. In *Future Arctic*, journalist and explorer Edward Struzik offers a clear-eyed look at the rapidly shifting dynamics in the Arctic region, a harbinger of changes that will reverberate throughout our entire world. *Future Arctic* reveals the inside story of how politics and climate change are altering the polar world in a way that will have profound effects on economics, culture, and the environment as we know it. Struzik takes readers up mountains and cliffs, and along for the ride on snowmobiles and helicopters, sailboats and icebreakers. His travel companions, from wildlife scientists to military strategists to indigenous peoples, share diverse insights into the science, culture and geopolitical tensions of this captivating place. With their help, Struzik begins piecing together an environmental puzzle: How might the lands most iconic species—caribou, polar bears, narwhals—survive? Where will migrating birds flock to? How will ocean currents shift? And what fundamental changes will oil and gas exploration have on economies and ecosystems? How will vast unclaimed regions of the Arctic be divided? A unique combination of extensive on-the-ground research, compelling storytelling, and policy analysis, *Future Arctic* offers a new look at the changes occurring in this remote, mysterious region and their far-reaching effects.

"Struzik's travel vignettes and discussion about the north are compelling."