

Integrating Activities for Advanced Communities



D2.3 Web-editions of updated 'INTERACT - Best Practices of Station Management'

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Dissemination Level		
PU	Public	X
PP	Restricted to other programme participants (including the Commission Services)	
RE	Restricted to a group specified by the Consortium (including the Commission Services)	
CO	Confidential, only for members of the Consortium (including the Commission Services)	

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Publishable Executive Summary

During INTERACT I, the INTERACT Station Managers' Forum developed the book "INTERACT Management planning for arctic and northern alpine research stations – Examples of good practices" to facilitate best practices of station management. To ensure the wide use of this book, it has been further developed and is now also available as an e-book on the INTERACT's web site.

The e-book was published in the E-pub format. The chosen format for the e-book is "Reflowable". A reflowable E-pub contains "live text", which you can select, highlight and search. You can also change the font size (and sometimes font as well) and this will force the lines of text to expand and change line breaks – to reflow. The e-book and the recommended e-readers are available on INTERACT's web site: <https://eu-interact.org/publication/>

1. Introduction

INTERACT research stations are often located in very remote areas of the Arctic and often managed with limited resources. This means that station managers have to develop cost effective management practices and come up with innovative (and cheap) solutions to often complicated problems. One of the cornerstones of the INTERACT project is the exchange of station management practices between INTERACT station managers. As a result of these exchanges of best practices of station management, the INTERACT community developed the “INTERACT Management planning for arctic and northern alpine research stations – Examples of good practices”. The book identifies topics of importance for station management and describe good practices and lessons learned (also including some failed practices as one can learn as much from these as from successful practices).

In INTERACT3 this best practice book has been further developed and is now also available as a web edition. The aim is to make the book more available to a wider audience and to continue to build capacity for safe, efficient and environmentally friendly station management at INTERACT stations.

The web edition of the printed book “INTERACT Management planning for arctic and northern alpine research stations – Examples of good practices” is an e-book in the e-pub format. The e-book can be downloaded to a computer, PC, Mac, laptop, PDA or any other kind of computer, and can then be read on the screen. The advantages of the e-book format compared to a PDF file is that e-books are created in a format that changes shape according to the device you use when reading. This means you can read the book from a tablet, pc or a phone, and the book will always be displayed in a correct way. The e-book is structured in the same way as the original version and contains chapters and paragraphs as well as images.

2. Format of e-book

2.1 E-pub

The e-book was published in the E-pub format. E-pub is an e-book file format that uses the ".epub" file extension which is short for electronic publication. E-pub is supported by many e-readers, and compatible software is available for most smartphones, tablets, and computers. The E-pub format is implemented as an archive file consisting of XHTML files carrying the content, along with images and other supporting files. E-pub is the most widely supported vendor-independent XML-based e-book format and is the most widely accepted e-book format on the market. It is the industry standard, used by Apple, Kobo, Barnes & Noble, Sony and Google e-readers.

2.2 Reflowable E-pub

The chosen format for the e-book is “Reflowable”. A reflowable E-pub contains “live text”, which you can select, highlight and search. You can also change the font size (and sometimes font as well) and this will force the lines of text to expand and change line breaks – to reflow. Reflowable E-pubs are designed to adapt to almost any screen size — their responsive format means that the book will be legible on any device, whether it is an e-reader, tablet or computer.

2.3 InDesign

Turning traditional printed books and magazines into digital content that can be consumed on mobile devices is a great way to expand the outreach. InDesign has good capabilities for E-pub design, and was chosen as the software for creating the reflowable e-book. InDesign specializes in long and text-heavy documents, which makes it ideal to create the interiors of books with hundreds of pages. InDesign allows you to divide each chapter/section in an InDesign file and then link all the documents to build an e-book publication which was ideal for the development of the INTERACT Best Practices of Station Management. Even though this software is ideal there were a few photos and examples that had to be removed from the original version of the printed book when transforming the publication into an e-book due to technical problems.

2.4 E-reader

There are many available e-readers on the market. E-book reader or e-book apps are mobile software that helps you read books wherever you are, with just your phone or tablet. There are dozens of tools for iOS and Android users. In an e-book with many pictures, you would want a color e-reader. If the reader does not have any e-reader already installed on the phone, tablet or pc etc., we suggest to download “Calibre” which is a powerful and easy to use e-book manager. Calibre is completely free and open source and can be downloaded from their web site: <https://calibre-ebook.com/>

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3. Publication of the e-book

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