

Das ist eine digitale Ausgabe von / This is a digital edition of

Soßna, Volker

## Climate and settlement in Southern Peru: the Northern Río Grande de Nasca drainage between 1500 BCE and 1532 CE

der Reihe / of the series

Forschungen zur Archäologie außereuropäischer Kulturen; Bd. 13

DOI: https://doi.org/10.34780/e4b0-b3e6

**Herausgebende Institution / Publisher:** Deutsches Archäologisches Institut

Copyright (Digital Edition) © 2022 Deutsches Archäologisches Institut

Deutsches Archäologisches Institut, Zentrale, Podbielskiallee 69–71, 14195 Berlin, Tel: +49 30 187711-0

Email: info@dainst.de | Web: https://www.dainst.org

Nutzungsbedingungen: Mit dem Herunterladen erkennen Sie die Nutzungsbedingungen (https://publications.dainst.org/terms-of-use) von iDAI.publications an. Sofern in dem Dokument nichts anderes ausdrücklich vermerkt ist, gelten folgende Nutzungsbedingungen: Die Nutzung der Inhalte ist ausschließlich privaten Nutzerinnen / Nutzern für den eigenen wissenschaftlichen und sonstigen privaten Gebrauch gestattet. Sämtliche Texte, Bilder und sonstige Inhalte in diesem Dokument unterliegen dem Schutz des Urheberrechts gemäß dem Urheberrechtsgesetz der Bundesrepublik Deutschland. Die Inhalte können von Ihnen nur dann genutzt und vervielfältigt werden, wenn Ihnen dies im Einzelfall durch den Rechteinhaber oder die Schrankenregelungen des Urheberrechts gestattet ist. Jede Art der Nutzung zu gewerblichen Zwecken ist untersagt. Zu den Möglichkeiten einer Lizensierung von Nutzungsrechten wenden Sie sich bitte direkt an die verantwortlichen Herausgeberinnen/Herausgeber der entsprechenden Publikationsorgane oder an die Online-Redaktion des Deutschen Archäologischen Instituts (info@dainst.de). Etwaige davon abweichende Lizenzbedingungen sind im Abbildungsnachweis vermerkt.

Terms of use: By downloading you accept the terms of use (https://publications.dainst.org/terms-of-use) of iDAI.publications. Unless otherwise stated in the document, the following terms of use are applicable: All materials including texts, articles, images and other content contained in this document are subject to the German copyright. The contents are for personal use only and may only be reproduced or made accessible to third parties if you have gained permission from the copyright owner. Any form of commercial use is expressly prohibited. When seeking the granting of licenses of use or permission to reproduce any kind of material please contact the responsible editors of the publications or contact the Deutsches Archäologisches Institut (info@dainst.de). Any deviating terms of use are indicated in the credits.

## Acknowledgements

Throughout the years I worked on my PhD project, from the first steps of data processing to the submission of the final manuscript, I have always been able to count on valuable and manifold support. Professional advice was as important as funding and the encouragement I received during times of doubt and despair. I am very grateful for all this help!

The publication of this volume would not have been possible without the generous funding by the Kommission für Archäologie Außereuropäischer Kulturen (KAAK) of the Deutsches Archäologisches Institut (DAI). I therefore want to express my gratitude to the directors of the KAAK, Dr. Burkhard Vogt and Dr. Josef Eiwanger, and to Dr. Heiko Prümers who prepared the manuscript for printing in the series Forschungen zur Archäologie Außereuropäischer Kuturen.

The DAI itself heavily supported my work by giving me a two-year part-time contract in 2008, which still left enough time for my own research. In 2014, I also received a 10-month grant from the DAI for the preparation and analysis of field data from the Palpa Project. In between, I was granted a 20-months' scholarship by the *Andrea von Braun Stiftung* for which I am most grateful. My 2011 field campaign was partly funded by the *Deutscher Akademischer Austauschdienst*.

I definitely owe special thanks to all members of the Palpa Project, but especially to its directors Dr. Markus Reindel and Lic. Johny Isla Cuadrado, not only for kindly granting unlimited access to all of the project data but also for their various and highly valuable advice during years of fieldwork and writing. They also provided logistical support in terms of accommodation during the campaigns and a superb working place at the *Kommission für Archäologie Außereuropäischer Kulturen* (KAAK) in Bonn, Germany, where I had one of the best and most complete libraries specialized in Andean archaeology at my disposal.

Many thanks also go to my colleagues involved in the archaeological branch of the Palpa Project, namely to Dr. Carolina Hohmann, Mareike Mölders MA, Hermann Gorbahn MA, Benedikt Gräfingholt MA, Heike Otten MA, Lic. Fiorella Escobedo Hidalgo, and Lic. Judith Astuhuamán Blanco for sharing their knowledge and experience with me during fieldwork, and their pleasant company and friendship.

Since I chose an interdisciplinary approach for my PhD project, I also profited very much from the profound knowledge of many colleagues from other disciplines involved in the Palpa Project who readily and patiently explained to me the basics of their respective fields. Most important in this regard was the excellent cooperation with the geoscientists and botanists from the universities of Heidelberg, Cologne, and Kiel. Namely, Dr. Bertil Mächtle, Dr. Karsten Schittek, and Dr. Ingmar Unkel took a lot of time to discuss with me the parts of my doctoral thesis related to nature and climate. They offered me valuable advice and helpful suggestions at every turn. I also want to thank Fernando Leceta MA and Markus Forbriger MA for their help and cooperation both in the field and back in Germany.

Furthermore, I want to thank the academic advisors of my doctoral thesis, Prof. Dr. Johannes Müller and Prof. Dr. Ingmar Unkel of the *Christian-Albrechts-Universität zu Kiel* (CAU) for their patient and professional advice but also for their help in dealing with the formalities during the examination procedure. The graduate school *Human Development in Landscapes* at the CAU was a great forum for interchanging and discussing ideas with researchers and fellow PhD candidates who are combining science and archaeology to address a multitude of research questions.

During the elaboration and editing of the thesis and of this volume, I counted on the assistance of several people, who proofread chapters or gave technical advice. Special thanks go to Tyson Duffy BA who did a great job in patiently revising and editing the text for stylistic and idiomatic issues as well as for orthographic and grammatical errors. Dr. Markus Reindel and Mareike Mölders MA revised the draft for both content-related and formal problems.

José Palomino Noa, who was in charge of the data and material administration in Palpa, assisted me in revising the information stored in the project database, but also in many other ways. His help was most valuable and is appreciated very much. Tito Martínez proved himself a reliable and skillful driver and companion during surveys in the rough and difficult-to-access highlands. I surely owe him a special thanks. Carmen Hölzemann and Undine Bentz, who are managing the KAAK library, kindly provided help in searching for and obtaining even "exotic" literature. This was great and crucial assistance, for which I am most grateful. Dr. Heiko Prümers provided me with literature and also helped with software issues, a support which I especially appreciate. Prof. Dr. Karsten Lambers once taught me the first steps to GIS and database use and design, and awoke my lasting interests in handling both. I also want to thank Emilia Schmidt BA, Christian Mader MA, and Franziska Fecher BA for their help in obtaining data from Peruvian institutions and authorities and for repeatedly sparing me the time-consuming task of borrowing and returning books from different local libraries, but also for cheering me up with their delicious homemade cakes and cookies. Chicos, you are the best!

There are many more people I met in Peru and Germany whose kindness, advice, and assistance I appreciate very much. This includes researchers from all disciplines who cooperated with the Palpa Project over the years. I also want to thank those persons who were not directly involved in the research but either did a great job in providing the logistical support no project can do without or who worked in other projects and exchanged ideas with me. This is true for Chucho, Omar, Martha, Vicky, Don Pepe, Alfonso, Aglaja, Andrea, Laura, Mike, Jana, Jennifer, Heather, and many others. Naming them all would probably fill another volume – but they are not forgotten!

Last, but surely not least, special thanks go to my parents, my grandparents, my sister, and my girl-friend for always supporting the decisions I made and for never losing faith in me. They all backed me up with their love and understanding and – in times of need – also with financial assistance. I consider myself very fortunate to be part of this family!!