

# **66th Annual Meeting of the International Society for the Systems Sciences (ISSS 2022)**

Online  
7 – 11 July 2022

ISBN: 978-1-7138-7739-4

**Printed from e-media with permission by:**

Curran Associates, Inc.  
57 Morehouse Lane  
Red Hook, NY 12571



**Some format issues inherent in the e-media version may also appear in this print version.**

Copyright© (2022) by International Society for the Systems Sciences (ISSS)  
All rights reserved.

Printed by Curran Associates, Inc. (2024)

For permission requests, please contact International Society for the Systems Sciences (ISSS)  
at the address below.

International Society for the Systems Sciences (ISSS)  
47 Southfield Road  
Pocklington, York  
YO42 2XE, United Kingdom

Phone/Fax: +44 (0)1759 302718

[enquiryisss@gmail.com](mailto:enquiryisss@gmail.com)

**Additional copies of this publication are available from:**

Curran Associates, Inc.  
57 Morehouse Lane  
Red Hook, NY 12571 USA  
Phone: 845-758-0400  
Fax: 845-758-2633  
Email: [curran@proceedings.com](mailto:curran@proceedings.com)  
Web: [www.proceedings.com](http://www.proceedings.com)

## TABLE OF CONTENTS

THE OTHER PARADIGM - FREEDOM.....	1
<i>R. Johansson</i>	
SYSTEMIC AGEING POLICIES - A GLOBAL PROBLÉMATIQUE AS AN EXAMPLE FOR SYSTEMS SCIENCES AND SYSTEMS PRACTICE WITH CYBERNETICS AND ANCIENT MODERN EAST WEST SYSTEMS THINKING.....	9
<i>Javier Calvo-Amodio</i>	
AN EXAMINATION OF PRIVATE K-12 SCHOOL BOARDS AROUND ISSUES OF CURRICULUM, PEDAGOGY, AND CULTURALLY RESPONSIVE PRACTICES.....	25
<i>S. Thomas</i>	
THE RULES WE LIVE BY .....	42
<i>N/A</i>	
GREEN RISING: AN ALTERNATIVE FUTURE.....	84
<i>R. Johannson</i>	
CRITICAL SYSTEMS THINKING IN EDUCATION: A LITERATURE PERSPECTIVE AND DEMONSTRATION .....	89
<i>W. Coetzee, R. Goede</i>	
AN INTRODUCTION TO THE CONFLUENCE TOOLSET.....	107
<i>C. Kurtz</i>	
THE DEVELOPMENT OF SYSTEMS SCIENCE AND ITS THREE CONTRIBUTIONS TO PHILOSOPHY OF SCIENCE.....	125
<i>Q. Fu, D. Fan</i>	
CYBERNETIC TRANSDISCIPLINARITY AS PEDAGOGY .....	132
<i>B. Sweeting, S. Sutherland</i>	
APPRECIATING SYSTEMS CHANGES VIA MULTIPARADIGM INQUIRY: ARCHITECTURAL DESIGN, ECOLOGICAL ANTHROPOLOGY, CLASSICAL CHINESE MEDICINE, SYSTEMS RHYTHMS .....	143
<i>D. Ing</i>	
<b>Author Index</b>	