

1. Record Nr.	UNINA9910819120803321
Autore	Du Plessis Hester
Titolo	The concept and application of transdisciplinarity in intellectual discourse and research // Hester Du Plessis, Jeffrey Sehume and Leonard Martin ; copy editor, Angela McClelland ; indexer, Jackie Kalley
Pubbl/distr/stampa	Johannesburg, [South Africa] : , : MISTRA, , 2019
ISBN	0-6399956-9-1 1-920655-34-4
Edizione	[1st ed.]
Descrizione fisica	1 online resource (275 p.)
Disciplina	306.42
Soggetti	Knowledge, Sociology of Interdisciplinary approach to knowledge Communities of practice Intellectual capital
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Front Cover; Title Page; Half Title; Copyright; Dedication; Contents; Authors; Foreword; Acknowledgements; Table of Figures; Abbreviations; The Transdisciplinarity Research Project - Background, Approaches and Methodology; Chapter 1 - Literature Review; 1 Abstract; 2 Background and Introduction; 3 Review of Scientific Progenitors of Transdisciplinarity (early Theorising); 4 Review on Transdisciplinarity in the 1970s-90s; 5 Conclusion; 6 Bibliography; Chapter 2 - Transdisciplinarity and Post-colonial Transformation of African Universities; 1 Abstract; 2 Introduction 3 The University as Democracy 4 The Eastern Cape - A Site for Social Innovation; 5 Introducing New Approaches to Higher at the University of Fort Hare; 6 Conclusion; 7 Bibliography; Chapter 3 - Applied Transdisciplinarity and Sustainable Energy - Bridging Divides; 1 Abstract; 2 Introduction; 3 The Changing Landscape of Higher Education - Introducing a Third Task to Universities; 4 Establishment of the SeTAR Centre; 5 Conclusion; 6 Bibliography; Chapter 4 - Transdisciplinarity and the Need for Social Justice; 1 Abstract; 2 Introduction; 3 Human Rights in Perspective

4 Centre for Human Rights, Faculty of Law, University of Pretoria 5
Conclusion; 6 Bibliography; Chapter 5 - Transdisciplinary Heredity and
Yardsticks; 1 Introduction; 2 Context; 3 Heredity; 4 What are Its
Conceptual and Methodological Ancestries?; 5 Which are Not Its
Conceptual and Methodological Heredities?; 6 Transdisciplinarity and
the Humboldtian Model; 7 Yardsticks; 8 Arizona State University; 9
Fundacao Getulio Vargas; 10 Conclusion; 11 Bibliography; Appendices;
Appendix 1 - Research Team Participation in Workshops, Seminars and
Conferences
Appendix 2 - University of the Witwatersrand (Wits) Case Study
Appendix 3 - HSRC/MISTRA/SeTAR Centre Seminar: Climate Change
and Pro-Poor Energy Policy in South Africa. 23 February 2012;
Appendix 4 - Visual Record of the 21st African Human Rights Moot
Competition

Sommario/riassunto

Mapungubwe Institute for Strategic Reflection (MISTRA) was publicly launched as a think tank in March 2011 and took up the task of following a transdisciplinary approach to the research generated within the organisation. The projects initiated by MISTRA integrate various streams of knowledge and expertise when examining complex issues such as nation formation, economic growth, social equity, adaptable science and technology, and other strategic topics related to South Africa's development as a democracy. Serving in part as an intellectual movement and in part as a research institution, activities are structured around diverse topics that require the opening up of intellectual space for strategic research and reflection specific, but not exclusive, to the African continent. A project was launched: The concept and application of transdisciplinarity in intellectual discourse and research. The intent of the study was two fold: in the first place the need for better theoretical understanding of a transdisciplinarity approach was identified as a necessity; and in the second place MISTRA intended to apply transdisciplinarity towards the opening up of an African approach - guided in part by the Afrikology principles of the late Professor Dani Nabudere. By orientation Transdisciplinarity is an approach that recognises a united and borderless intellectual terrain. It is an attempt to formulate an integrative process of knowledge production and distribution in reaction to the twentieth century narrow discipline focus and hyper-specialisation. It responds to the multi-layered challenges of diffused disciplines, interlinked socio economic problems, the impact of globalisation, the de-territorialised nation state, technological advancements, environmental concerns, agriculture and food security and health. And it recognises that, in history, some of the most revolutionary breakthroughs in science and technology in fact happened on the margins of narrow disciplines.
