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Adaptive Governance of Disaster

Drought and Flood in Rural Areas

Margot A. Hurlbert

May, 2016

ADAPTIVE GOVERNANCE OF DISASTER: DROUGHT AND FLOOD IN RURAL AREAS

ACADEMISCH PROEFSCHRIFT

ter verkrijging van de graad van doctor

aan de Universiteit van Amsterdam

op gezag van de Rector Magnificus

prof. dr. D.C. van den Boom

ten overstaan van een door het College voor Promoties ingestelde commissie,

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op vrijdag 13 mei 2016, te 11 uur

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List of Abbreviations

AARD	Alberta Agriculture and Rural Development
ACCD	Agriculture Climate Change Directorate Argentina
ACW	Adaptive Capacity Wheel
ADRMP	Alberta Drought Risk Management Plan
AEMA	Alberta Emergency Management Agency
AESRD	Alberta Environment and Sustainable Resource Development
ASP	Agricultural Social Programme, Mendoza
CBC	Canadian Broadcasting Corporation
CCNS	Climate Change National Strategy, Argentina
CCS	Carbon Capture Storage
CDM	Clean Development Mechanism
CFCs	Chlorofluorocarbons
CNR	National Irrigation Commission, Chile
COP	Conference of the Parties
CSO	Civil Society Organizations
CWB	Canadian Wheat Board
DC	Developing country (Chile and Argentina)
D&f	Drought and flood
DGA	General Directorate of Water, Chile
DGI	*Departamento General de Irrigacion*, Mendoza
DOH	Hydraulic Works Authority, Chile
DRR	Disaster Risk Reduction
FAO	Food and Agriculture Organization
FAPF	Family Agriculture Provincial Forum, Mendoza
FRWIP	Farm Ranch Water Infrastructure Program
G20	Group of 20
GDP	Gross Domestic Product
GEF	Global Environmental Facility
GHG	Greenhouse Gases

GWP	Global Water Partnership
IC	Industrialized country (Canada)
INDAP	National Institute for Agricultural Development, Chile
INDC	Intended Nationally Determined Contributions
INTA	Institute of Agriculture and Livestock Technology, Mendoza
IPCC	Intergovernmental Panel on Climate Change
MOE	Ministry of Environment, Chile
NEC	National Environmental Commission, Chile
NGOs	Non-governmental organizations
NRCan	Natural Resources Canada
ONEMI	National Emergency Office, Chile
PARC	Prairie Adaptation Research Collaborative
PROSAP	Provincial Agricultural Services Programme, Argentina
PPWB	Prairie Provinces Water Board
RCMP	Royal Canadian Mounted Police
SBI	Subsidiary Body for Implementation
SCCB	Swift Current Creek Basin
SISS	Superintendent and Sanitary Services, Chile
Sk EmPAct	Saskatchewan Emergency Planning Act
SSRB	South Saskatchewan River Basin
SSRP	South Saskatchewan River Plan
SUCCE	Central Sub Unit Coordination of Emergency, Argentina
UN	United Nations
UNCCD	The United Nations Convention to Combat Desertification
UNDP	United Nations Development Programme
UNECE	United Nations Economic Commission for Europe
UNEP	United Nations Environmental Programme
UNFCCC	The United Nations Framework Convention on Climate Change
UNISDR	United Nations Office for Disaster Risk Reduction
USD	United States Dollars
WSA	Saskatchewan Water Security Agency
WSA Act	Saskatchewan Water Security Act

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