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# **GLOWA Volta**

**Phase III completion report**  
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Jens Liebe, Claudia Arntz and Paul L.G. Vlek (Eds.)



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## Abbreviations

AARSE	African Association of Remote Sensing of the Environment
AEJ	African Easterly Jet
AMMA	African Monsoon Multidisciplinary Analysis
ANN	Artificial Neural Network
APSIM	Agricultural Production Systems Simulator
ATCOR	Atmospheric & Topographic Correction
AVN	Aviation Model
BF	Burkina Faso
BIGS-DR	Bonn International Graduate School for Development Research
BIOTA	Biodiversity Monitoring Transect Analysis
BMBF	Federal Ministry of Education and Research – Germany
BNP	Bontoli National Park
BON	Biophysical Observation Network
B2B	Business-to-business
CA	Cellular Automata
CEC	Cation Exchange Capacity
CGIAR	Consultative Group on International Agricultural Research
CIDA	Canadian International Development Agency
CIRAD	Centre de Coopération Internationale en Recherche Agronomique pour le Développement
COBIDS	Component-Based Integration of Data and Services
CP	Circulation Pattern
CPU	Central Processing Unit
CPWF	Challenge Program for Water and Food

CR	Clay Ratio
CRFS	Centre de Recherches et de Formation Scientifique
CRSN	Centre de Recherche en Santé de Nouna
CsDM	Diffusion and Migration Calibration Model
CSF	GVP Common Sampling Frame
CSIR	Council for Scientific and Industrial Research
CsMB1	Mass Balance 1 Calibration Model
CsMB2	Mass Balance 2 Calibration Model
CsPM	Proportional Calibration Model
CWSA	Community Water and Sanitation Agency
DA	District Assembly
DAAC	NASA Distributed Active Archive Center
DANIDA	Danish International Development Agency
DBH	Diameter at Breast-Height
DBM	Data-based mechanistic
DEM	Digital Elevation Map
DGIRH	Direction Générale de l'Investissement dans les Ressources Humaines
DLR	German Aerospace Center
DMSP	Defense Meteorological Satellite Program
DOY	Day of Year
DSS	Decision Support System
ECHAM4	Atmospheric General Circulation Model
ECMWF	European Center for Medium Range Weather Forecasting
ECOWAS	Economic Community of West African States
EDI	Effective Drought Index
EM	Expectation Maximization
EPA	Environmental Protection Agency - Ghana
ESA	European Space Agency