

Acknowledgements

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Abbreviations

AHP	Analytic Hierarchy Process
AIDS	Almost Ideal Demand System
ATEAM	Advanced Ecosystem Analysis and Modelling
B&B	Tourism demand model
BAP	Biomass Action Plan
CAFÉ	Clean Air for Europe
CAP	Common Agricultural Policy
CAPRI	Common Agricultural Policy Regional Impact Analysis
CBA	Cost Benefit Analysis
CBD	Convention on Biological Diversity
CEA	Cost Effectiveness Analysis
CEC	Commission of the European Communities
CGE	Computable General Equilibrium
CGIAR	Consultative Group on International Agricultural Research
CLC	CORINE Land Cover
CLUE	Conversion of Land Use and its Effects Model
CQC	Countryside Quality Counts
DG	Directorate Generale
DPSIR	Driving force, Pressure, State, Impact, Response
EAAC	European Environment and Sustainable Development Advisory Councils
EC	European Commission
ECSG	Executive Committee Study Group
EEA	European Environment Agency
EEAC	European Environmental Advisory Councils
EFISCEN	European Forest Information Scenario Model
EIA	Environmental Impact Assessment
EPER	European Pollutant Emission Register
ESPON	European Spatial Planning Observation Network
ETRS	European Terrestrial Reference System
EU	European Union
EUROSTAT	Statistical Office of the European Communities
EURURALIS	Land use scenario study
FAO	Food and Agricultural Organisation
FUA	Functional Urban Area
GDP	Gross Domestic Product
GIS	Geographical Information System
GTAP	Global Trade Analysis Project model

GUI	Graphical User Interface
HDI	Human Development Index
IA	Impact Assessment
IGBP	International Geosphere-Biosphere-Programme
IHDP	International Human Development Programme on Global Environmental Change
IIASA	International Institute for Applied Systems Analysis
INSPIRE	Infrastructure for Spatial Information in Europe
IPA	Impact Pathway Approach
IPCC	Intergovernmental Panel on Climate Change
IRENA	Indicator Reporting on the Integration of Environmental Concerns into Agricultural Policy
ISA	Integrated Sustainability Assessment
ISG	Inter-Service Steering Group
JRC	Joint Research Centre
LFA	Less Favoured Areas Compensation Scheme
LUCC	Land Use and Land Cover Change Project
LUF	Land Use Function
MAUT	Multi-Attribute Utility Theory
MCA	Multi-Criteria Analysis
MCPFE	Ministerial Conference on the Protection of Forests in Europe
MDG	Millennium Development Goals
MEA	Millennium Ecosystem Assessment
MFA	Multifunctional Agriculture
MS	Member State
NEMESIS	New Econometric Model for Environment and Strate- gies Implementation for Sustainable Development
NEPA	National Environmental Protection Act
NGO	Non-Governmental Organisation
NSDS	National Sustainable Development Strategy
NUTS	Nomenclature of Territorial Units for Statistics
OECD	Organisation for Economic Co-operation and Development
OpenMI	Open Modelling Interface
PCA	Principal Component Analysis
PE	Partial Equilibrium
PLS	Primary Landscape Structure
PMP	Positive Mathematical Programming
PRELUDE	Prospective Environmental analysis of Land Use De- velopment in Europe
PROMETHEUS	world energy model
PSR	Pressure, State, Response
R&D	Research and Development

RAINS	Regional Air Pollution Information and Simulation
REP	European Regional Economic Profiles
SABE	Seamless Administrative Boundaries in Europe
SACS	Sensitive Area Case Studies
SCS	Sustainability Choice Space
SD	Sustainable Development
SEA	Strategic Environmental Assessment
SEAMLESS	System for Environmental and Agricultural Modelling
SEEA	System of Environmental and Economic Accounting
SENSOR	Sustainability Impact Assessment: tools for environ- mental, social and economic effects of multifunctional land use in European regions
SIA	Sustainability Impact Assessment
SIAT	Sustainability Impact Assessment Tools
SICK	Urban land use model
SLS	Secondary Landscape Structure
SMCE	Social Multi-Criteria Evaluation
SQL	Structured Query Language
SRRF	Spatial Regional Reference Framework
SSP	Strategic Planning and Programming Cycle
TBL	Triple Bottom Line
TIM	Transport Infrastructure Model
TLS	Tertiary Landscape Structure
UNECE	United Nations Economic Commission for Europe
UNEP	United Nations Environment Programme
WCED	World Commission on Environment and Development
WTO	World Trade Organisation
YASSO	Dynamic soil carbon model