**Table S2.3**

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| Theme | No. of Keywords comprising Theme | % of Total Keywords | Keywords |
| *Nexus characterisation* | 40 | 10.84 | [water-energy-food (WEF) nexus (15); water-energy-food-environment (FEWE) nexus (1); water-land-energy nexus (1); water-food-energy nexus (1); water-food nexus (1); water-energy-land nexus (1); water-energy-food security nexus (1); water-energy nexus (1); urban-nexus (1); nexus (7); food-energy-water nexus/FEW nexus (6); food-water-energy nexus/framework (2); energy–water–food–land nexus (1)] |
| *Resources: use, security and scarcity* | 30 | 8.13 | [water scarcity (3); water resources (1); water use (1); water reuse (1); water security solutions (1); water poverty (1); security (2); scarcity (1); resource security (2); resource sustainability (1); resource reuse and recovery (1); resource flows (1); food security (9); food poverty (1); energy security (2); energy poverty (1); energy resources (1)] |
| *Tools, methods, and approaches* | 27 | 7.32 | [agent-based modelling (2); climate change modelling (1); composite indices (1); CHANS (2); DEA model (1); crop coefficients (1); farm budget models (1); hydroeconomic models (1); impact modelling (1); indicators (1); information systems (1); input-output index (1); InVEST (1); large scale modelling (1); Malmquist index (1); modelling weighting (1); multi objective optimization (2); multiscale modelling (1); participatory methods (1); resource demand analysis (1); risk analysis (1); scenario analysis (1); social cost of carbon (1); systems approaches (1)] |
| *Water Sector* | 29 | 7.86 | [water (3); virtual water (3); water management/(NRM/IWRM) (6); water supply (1); water yield (1); water quality (1); water pricing (2); water productivity (1); water pollution (1); water diplomacy (1); water accounting (1); water demand (1); water competition (1); water balance (1); inland fisheries (1); improved water source (1), desalination (1); embedded groundwater depletion (1)] |
| *Food Sector* | 19 | 5.15 | [African agricultural growth (1); agriculture (1); agricultural sustainability (1); agroforestry (1); climate-smart agriculture (2); sustainable agriculture (1); drip irrigation/irrigation/gravity-fed irrigation/small-scale irrigators (5); food production (2); food trade (1); food (4)] |
| *Energy Sector* | 17 | 4.61 | [Hydropower/dams (Xayaburi/Grand Renaissance Dam/Ruzizi III) (4); renewable energy/resources (4); wood energy (1); charcoal (1); coal (1); energy (3); energy price (1); biofuels/biomass energy (3); decentralised energy (1); microgrid (1)] |
| *People* | 22 | 5.96 | [anthropogenic activities (1); gender (1); health and wellbeing (5); hunger (1); livelihoods (4); poverty/alleviation/reduction (3); population/world population (2); pro-poor interventions (1); social impact (1); social protection (1); socio-economics/inequalities (2)] |
| *Governance* | 19 | 5.15 | [governance (6); capacity building (1); decentralisation (1); state building (1); institutions (1); decision-making (1); hydropolitics (1); natural resource management (1); best management practices (1); Nile Basin cooperative framework agreement (1); policy/science-policy (3); river basin organisation (1)] |
| *Adaptation, resilience, vulnerability, and mitigation* | 18 | 4.88 | [adaptation (6); resilience (8); vulnerability (2); mitigation (1), drought mitigation (1)] |
| *Climate change* | 17 | 4.61 | [climate change (11); climate (change) policy (2); climate justice (1); climate risk (1); climate variability (1); regional climate (1)] |
| *Sustainable development* | 15 | 4.06 | [sustainable development (6); sustainability (6); SDGs (2); ecological sustainable development (1)] |
| *Land* | 11 | 2.98 | [grazing (1); dryland (1); land (2); land use change (2); land acquisition (1); land allocation (1); land use conflict (1); land-water resources (1); integrated landscapes (1)] |
| *Nexus thinking* | 9 | 2.44 | [synergies (1); trade-offs (2); transdisciplinary (1); nexus planning (1); nexus approach (1); interlinkages (1); integration (1); cross-sectoral (1)] |
| *Ecosystems* | 9 | 2.44 | [biodiversity (1); ecosystems (2); ecosystem services (2); ecohydrology (1); ecosystem accounting (1); human-wildlife conflict (1); environment (1)] |
| *Environmental impacts* | 9 | 2.44 | [pollution/greenhouse gases/air pollution (3); drought (2); flooding (1); environmental Kuznets curve (1); waste (1); hydrological alterations (1)] |
| *Economics, finance, development* | 9 | 2.44 | [transnational investment (1); value chain (1); technology development (1); innovation/innovation ecosystem (2); infrastructure (1); green economy (1); economic cost (1); demand-side management (1)] |
| *Geographic Location* | 41 | 11.11 | [ Zanzibar (1); Zambezi River Basin (1); West Africa (1); West Asia (1); Tropics (1); Tsavo ecosystem (1); Sub-Saharan Africa (7); Southern Africa (2); South Africa/Cape Town/Mpumulanga/Breede River (6); SADC (1); Sahel (1); Rusumo Falls (Tanzania/Rwanda) (1); North Africa (3); Niger River Basin (1); Morocco (1); Middle East/Middle East and North Africa (2); Jordan/As-Samra (2); Kilimanjaro (1); Kasigau corridor (Kenya) (1); Ethiopia (1); Eastern Nile Basin (1); Burkina Faso (1); Brazil (1); Africa (2)] |
| *Other/*  *Miscellaneous* | 17 | 4.61 | [uncertainty (1); AHP (1); practices (1); transition zone (1); variability (1); transboundary river (1); transpiration (1); traditional biomass (1); sap flow (1); sediment retention (1); quaternary catchment (1); total evaporation (1); reliability (1); quickflow (1); nitrogen (1); LIFEWAY (1); contingency (1)] |