

[Home](#) / [Documents](#) / [acewater-2-deliverables-annexes](#)

ACEWATER 2 Deliverables (ANNEXES)

You can find all the ACEWATER2 ANNEXES in the following table

Document	Files
Annex 1-2 (SC): ACEWATER II_FINAL MEETING 2020	<ul style="list-style-type: none">• Annex1_ACEWATER II_FINAL MEETING 2020_FinalAgenda.pdf(195.3 KB)• Annex2_ACEWATER-2 project final meeting_TranscriptMinutes.pdf(1.22 MB)
Annex 3-5 (SC): CLIMATE VARIABILITY AND EXTREME EVENTS ANALYSIS IN THE ZAMBEZI RIVER BASIN USING STANDARDIZED PRECIPITATION EVAPORATION INDEX AND L-MOMENTS	<ul style="list-style-type: none">• Annex3_Kenabatho_BotswanaUn_IR_Final.pdf(1.33 MB)• Annex4_Kenabatho_BW_M2-M3_FinalReport.pdf(2.44 MB)• Annex5_Databases-UB.zip(11.46 MB)
Annex 6-8 (SC): The ZAMBEZI Guidelines in modelling hydrology and hydropower based on case studies	<ul style="list-style-type: none">• Annex6_DeClercq_Stellenbosch_IR_Final.pdf(720.77 KB)• Annex7_DeClercq_Stellenbosch_HDD.1.1_Final.pdf(2.42 MB)• Annex8_DeClercq_STELLENBOSH_HDD.1.2_Final.pdf(1.61 MB)

Document	Files
Annex 9 - 10 (SC) : Assessing development and climate variability impacts on water resources in the Zambezi River basin	<ul style="list-style-type: none"> • ANNEX9_JRC120956_1-s2.0-s2214581820302391-main.pdf(5.83 MB) • ANNEX10_JRC120957_1-s2.0-s2214581820302378-main.pdf(11.33 MB)
Annex 11 (SC): FUTURE HYDROPOWER OPERATIONS IN THE ZAMBEZI RIVER BASIN by Mauricio E. Arias, PhD	<ul style="list-style-type: none"> • Annex11_M.E.Arias 2020. Zambezi Future Hydropower Report.pdf(6.88 MB)
Annex 12-13 (SC) : Effects of Climate Change on Hydropower Production Efficiency in Southern Africa By Joao Mutondo (IWEGA)	<ul style="list-style-type: none"> • Annex12_Mutondo_IWEGA_IR_Final.pdf(1.13 MB) • Annex13_Mutondo_IWEGA_HHD.3.pdf(1.94 MB)
Annex 14-17 (SC): Groundwater flow modelling in the Zambezi river basin to investigate the interaction with surface water bodies by Dr. Kawawa Banda	<ul style="list-style-type: none"> • Annex14_Banda_Zambia_IR_Final.pdf(774.09 KB) • Annex15_Banda_Zambia_M6.FinalReport.pdf(42.75 MB) • Annex16_JRC122703_database.zip(14.76 MB) • Annex17_Banda_Zambia_gwmodel.FinalReport.pdf(5.49 MB)
Annex 18 - 21 (SC): Water and Cooperation within the Zambezi River Basin (WACOZA) - Zambezi River Basin Groundwater Hydrology Characterisation in Zimbabwe	<ul style="list-style-type: none"> • Annex18_Chinyama_NUST ZIM_IR_Final.pdf(878.42 KB) • Annex19_Chinyama_NUSTZim_GW.2.1.pdf(2.26 MB) • Annex20_Chinyama_NUSTZim_GW.2.2.pdf(4.28 MB) • Annex21_JRC122705_gw.2.1_database.zip(32.92 MB)

Document	Files
Annex 22-24 (SC): River basin scale groundwater hydrology characterization of the Zambezi River Basin (ZRB) by Dr. Haile Mengistu	<ul style="list-style-type: none"> • Annex22_Mengistu_WesternCapeUn_IR_Final_0.pdf(1.07 MB) • Annex23_Mengistu_WesternCapeUn_GW.1.1_Final_0.pdf(3 MB) • Annex24a_data_0.zip(42.21 MB) • Annex24b_Maps_1_0.zip(39.95 MB) • Annex24c_Maps_2_0.zip(20.79 MB)
ANNEX 25-28 (SC): Potentials in Agriculture Development and Irrigation Expansion in Zambezi River Basin (ZRB) by Dr. C. Ngongondo	<ul style="list-style-type: none"> • Annex25_Namangale_MalawiUn_IR_Final.pdf(777.22 KB) • Annex26_Ngongondo_AWM3_FinalReport.pdf(5.92 MB) • Annex27_Ngongondo_MALAWI_AW.M4.pdf(2.84 MB) • Annex28_db.zip(1.42 MB)
Annex 29-30 (SC): Characterization of Current Agriculture Activities, Future Potential Irrigation Developments and Food Security to Face Climate Variability in the Zambezi River Basin by A Senzanje and TL Dirwai (University of KwaZulu-Natal, South Africa)	<ul style="list-style-type: none"> • Annex29_UKZN Concept Note - Water and Agriculture.pdf(608.46 KB) • Annex30_Senzanje_UnKWZN_FinalReport.pdf(3.12 MB)
ANNEX 31-32 (SC): WATER GOVERNANCE, COOPERATION AND INFORMATION SYSTEMS by CSIR	<ul style="list-style-type: none"> • Annex31_Seetal_CSIR_IR_Final.pdf(1.02 MB) • Annex32_Seetal_CSIR_WG.1.1_v0.pdf(2.15 MB)

Document	Files
Annex 33 -36 (SC): CLIMATE VULNERABILITY AND WATER RESOURCES VARIABILITY IN WEST AFRICA. SENEGAL AND GAMBIA RIVER BASIN CASES STUDIES by Prof. Awa NIANG FALL (UCAD)	<ul style="list-style-type: none"> • Annex33_NiangFall_UCAD_IR_Final.pdf(1.92 MB) • Annex34_WA.CVA_.1.1-M2.Progress.pdf(4.2 MB) • Annex35_WA.CVA_.1.1-M2.Final_.pdf(7.39 MB) • Annex36a_Base_hydro_BFGambie.zip(21.41 MB) • Annex36b_Base_Hydro-pluvio-BFSENEGAL.zip(36.47 MB) • Annex36c_Base_pluvio_RepSENEGAL.zip(25.07 MB) • Annex36d_ExcelFiles.zip(619.7 KB)
Annex 37 - 38 (SC) : Rapport d'activités sur la calibration du modèle SWAT à l'ensemble du bassin du Niger	<ul style="list-style-type: none"> • Annex37_AGRHYMET_WA.WEFE_.1.1_Final.pdf(2.94 MB) • Annex38_AGRHYMET_WA.WEFE_.1.2.pdf(1.07 MB)
ANNEX 39-41 (SC) : CLIMATE VARIABILITY AND EXTREME EVENT, HYDROLOGY AND RESERVOIR MANAGEMENT, AGRICULTURE AND WATER IN NORTHERN NIGERIA by National Water Resources Institute (NWRI)	<ul style="list-style-type: none"> • Annex39_Eduvie_NWRI_IR_Final.pdf(988.73 KB) • Annex40_Eduvie_WEFE.3.1.Progress.pdf(7.23 MB) • Annex41_Eduvie_NWRI_WA.WEFE_.3.1.Final_.pdf(7.39 MB)
ANNEX 42-45 (SC): WEFE ASSESSMENT IN THE NIGER-DELTA BASIN, SOUTHERN NIGERIA PREPARED BY PROF J. O. EHIOROBO AND PROF O. C. IZINYON (UNIVERSITY OF BENIN)	<ul style="list-style-type: none"> • Annex42_Ehiorobo_BeninUn_IR_Final.pdf(959.59 KB) • Annex43_Ehiorobo_BeninUn_WA.WEFE_.M5.pdf(7.12 MB) • Annex44_BeninUn_Progress_Final.pdf(4 MB) • Annex45_MeteoHydroDatabase.zip(439.59 KB)
ANNEX 46-49 (SC): Water and COoperation within the Nile River Basin (WACONI) - Blue Nile Basin Downstream the Grand Ethiopian	<ul style="list-style-type: none"> • Annex46_GamaleldinMortada_Khartoum_IR_Final.pdf(1.9 MB) • Annex47_Abdo_KhartoumUn_WRC.M1.pdf(1.21 MB) • Annex48_Abdo_KhartoumUn_WRC.M2.pdf(16.13 MB)

Document	Files
Renaissance Dam by WRC and UofK, Prof. Gamal Abdo	<ul style="list-style-type: none"> • Annex49a_Database_Part1.zip(4.78 MB) • Annex49b_Database_Part2.zip(32.15 MB) • Annex49c_Database_Part3.zip(18.16 MB)
ANNEX 50-54 (SC) : Assessment of WEFE Interdependencies across the Nile River Basin Upstream of GERD by EiWR	<ul style="list-style-type: none"> • Annex50_Sahilu_Zeleke_EiWR_IR_Final.pdf(1.22 MB) • Annex51_Sahilu_EiWR1.pdf(2.08 MB) • Annex52_Sahilu_Zeleke_EiWR.M2.pdf(2.93 MB) • Annex53_Sahilu_EiWR3.pdf(719.79 KB) • Annex54_db_EiWR.M!.zip(75.22 KB)
ANNEX 55-57 (SC) : Water and livelihood resilience under changing climate(s) and extremes: Groundwater water and agriculture issues in the Lake Victoria Basin by Dr. Yazidhi Bamutaze, PhD (Makerere University)	<ul style="list-style-type: none"> • Annex55_Bamutaze_Makerere_IR_Final.pdf(995.22 KB) • Annex56_Bamutaze_MakerereUn_MKU.M1.pdf(9.18 MB) • Annex57_Bamutaze_MakerereUn_MKU_M2.pdf(529.76 KB)
ANNEX 58-60 (SC) : CLIMATE VARIABILITY and EXTREME EVENTS REPORT by Mr. Zachary K.K Atheru (ICPAC)	<ul style="list-style-type: none"> • Annex58_Atheru_ICPAC_IR_Final.pdf(940.16 KB) • Annex59_Atheru_ICPAC_ICP1-2.pdf(20.8 MB) • Annex60a_BNB.zip(2.82 MB) • Annex60b_ETH.zip(26.17 MB) • Annex60c_LVB.zip(8.22 MB)
ANNEX 61-62 (SC) : Hydrology and water balance for Lake Victoria sub basin report by Dr. Mohammed Abdullahi Hassan (ICPAC)	<ul style="list-style-type: none"> • Annex61_Hassan_ICPAC_IR_Final.pdf(1.1 MB) • Annex62_Hassan_ICPAC_ICP_3.pdf(4.35 MB)
ANNEX 63-65 (SC): Status of Geothermal	<ul style="list-style-type: none"> • Annex63_Technical Report JRC_02_ver_13.pdf(7.9 MB)

Document	Files
Industry in East African Countries by Dr. A. Battistelli	<ul style="list-style-type: none"> • Annex64_ACEWATER2_Geothermics_Final.pdf(4.05 MB) • Annex65_JRC_TechnicalReportGeothermalIndustry_ver5.pdf(7.82 MB)
ANNEX 66-67 (SC): Development Priorities of the Water Sector in Africa placed in the context of Agri-Energy sectors Prepared by: Dr. Rashid Mbaziira (Kasuku-Mpumudde ,Uganda)	<ul style="list-style-type: none"> • Annex66_Mbaziira_HCD_Priorities_Volm_I.pdf(2.05 MB) • Annex67_Mbaziira_Sector_Devt_Priorities_in_E_A_context_Volm_II_final.pdf(1.95 MB)
ANNEX 68 (SC): Establishing common water sector priorities in Africa / Human Capacity Development and Water sector in the context of Agri-Energy sectors by Mbaziira, R.	<ul style="list-style-type: none"> • Annex68_JRCTechnicalReport_WaterSectorPriorities_v2.pdf(2.45 MB)
ANNEX 69-70 (SC) : ACEWATER2 Regional database: hydro-climatology data-analysis (JRC)	<ul style="list-style-type: none"> • Annex69_JRC109900_jrc109900_tr_acewater2_hydroclimatologydatabase.pdf(3.7 MB) • Annex70_JRC114595_jrc114595_201902201745.pdf(7.15 MB)
ANNEX 71-73 (SC): Atlas of Water Cooperation and Conflicts (JRC)	<ul style="list-style-type: none"> • Annex71_JRC108695_jrc108695_20171027_wef_afrimed_del_201705_limited-1.pdf(4.69 MB) • Annex72_JRC105326_20170109_atlaswcc_including annex.pdf(2.47 MB) • Annex73_JRC107644_1-s2.0-s095937801830253x-main.pdf(7.54 MB)
ANNEX 74-94 (HCD): CEANWATCE Phase I (Frameworks) and Phase II (Implementation and Course Materials)	<ul style="list-style-type: none"> • Annex 74_EiWR_Ethiopia_Desk study report.pdf(1.71 MB) • Annex 75_ EiWR_Ethiopia_Water sector HCD Framework_Final.pdf(1.36 MB) • Annex 76_ICPAC_Kenya_Sector-Wide-Study.pdf(520.71 KB) • Annex 77_ICPAC_Kenya_National HCD Framework_Approved.pdf(1.21 MB) • Annex 78_Khartoum_Sudan_Desk study_final.pdf(1.29 MB)

Document	Files
	<ul style="list-style-type: none"> • Annex 79_Khartoum_National HCD Framework_Approved.pdf(2.64 MB) • Annex 80_Makerere_Uganda_Sector-wide Assessment Desk Report.pdf(1.45 MB) • Annex 81_Makerere_Uganda_Final HCD Framework Document.pdf(4.54 MB) • Annex 82_EIWR_Ethiopia_HCD Implementation_Final Technical Report.rar(6.74 MB) • Annex 83_EIWR_Implemented Course_TVET Training course 1.pdf(8.3 MB) • Annex 84_EIWR_Implemented Course_TVET Training course 2.pdf(7.24 MB) • Annex 85_ICPAC_Kenya_HCD Implementation_Final technical report.rar(15.65 MB) • Annex 88_Khartoum_Implemented Course_Water Supply, Sanitation and Hygiene-20210316T102946Z-001.zip(54.14 MB) • Annex 89_Khartoum_Implemented Course_Data Acquisition in Water Resources Management -20210316T154322Z-001.zip(67.78 MB) • Annex 90_Khartoum_Implemented Course_Data Acquisition in Surface and Ground Water-20210311T121524Z-001.zip(106.74 MB) • Annex 91_Khartoum_Implemented Course_Water Quality Monitoring and Testing-20210316T154316Z-001.zip(23.65 MB) • Annex 92_Makerere_Uganda_HCD Implementation_Final Report.rar(7.71 MB) • Annex 93_Makerere_Implemented Course_Water Diplomacy and Negotiation.pdf(390.14 KB) • Annex 94_Makerere_Developed Course_Geospatial for water resilience-compressed.pdf(2.16 MB)
ANNEX 95-111 (HCD): SANWATCE Phase I (Frameworks) and Phase II (Implementation and Course Materials)	<ul style="list-style-type: none"> • Annex 95_SANWATCE Secretariat_Deliverable 2_Progress Report_30June2017.pdf(2.04 MB) • Annex 96_SANWATCE Secretariat_HCD Framework_Final Technical Report.pdf(184.89 KB) • Annex 97_Botswana_National HCD Framework.rar(3.25 MB) • Annex 98_Malawi_National HCD Framework.rar(3.23 MB) • Annex 99_Mozambique_National HCD Framework.rar(4.67 MB) • Annex 100_South Africa_MER Framework.rar(2.14 MB) • Annex 101_Zambia_National HCD report_Final.pdf(674.98 KB) • Annex 102_SANWATCE_HCD Implementation_Final Report.pdf(910.51 KB) • Annex 103_UNIMA_Malawi_Implemented Course_Hydrological Modelling & Water Quality

Document	Files
	<p>Modelling.zip(13.49 MB)</p> <ul style="list-style-type: none"> • Annex 104_UNIMA_Malawi_Implemented Course_Water and Sanitation Systems.zip(9.91 MB) • Annex 105_UEM_Mozambique_Implemented Course_Management & Maintenance of Networks and Water Loss.zip(12.74 MB) • Annex 106_UEM_Mozambique_Implemented Course__Environmental Impact Assessment.zip(15.74 MB) • Annex 107_CSIR_South Africa_Implemented Course_Environmental Assessment and Management_IWRM.zip(12.03 MB) • Annex 108_UWC_South Africa_Implemented Course_Water Demand Management & Water Security.zip(86.77 MB) • Annex 109_UWC_South Africa_Implemented Course_Introduction to Groundwater Hydrology.zip(47.03 MB) • Annex 110_UNZA_Zambia_Developed Course Content_Hydrogeology and Drilling Supervision Training.zip(12.48 MB) • Annex 111_SANWATCE Exchange programme report.pdf(597.68 KB) • Science_GraphicRecording_Final_0.pdf(3.8 MB)
ANNEX 112-132 (HCD): WANWATCE Phase I (Frameworks) and Phase II (Implementation and Course Materials)	<ul style="list-style-type: none"> • Annex 112_WANWATCESecretariat_Deliverable2.zip(5.64 MB) • Annex 113_WANWATCE Secretariat_HCD Framework_Final Technical Report.pdf(435.97 KB) • Annex 114_KNUST_Ghana_National HCD Framework.pdf(1.91 MB) • Annex 115_Nigeria_NWRI_HCD Framework.pdf(1.54 MB) • Annex 116_ Nigeria_UNIBEN_HCD Framework.pdf(2 MB) • Annex 117_UCAD_Senegal_National HCD Framework.pdf(2.89 MB) • Annex 118_INERA_Burkina Faso_Rapport d'Etude_Elaboration de la Stratégie nationale.pdf(663 KB) • Annex 119_WANWATCE_HCD Implementation_final report_last.pdf(2.08 MB) • Annex 120_KNUST_Ghana_Implemented Course_Sustainable Onsite Sanitation and Faecal Sludge Management.zip(22.12 MB) • Annex 121_NWRI_Nigeria_Implemented Course_Borehole Drilling and Supervision.zip(11.76

Document	Files
	<p>MB)</p> <ul style="list-style-type: none"> • Annex 122_NWRI_Nigeria_Implemented Course_Borehole Drilling.zip(46.93 MB) • Annex 123_NWRI_Nigeria_Implemented Course_Induction Course for Fresh Engineers & Scientists.zip(4.98 MB) • Annex 124_NWRI_Nigeria_Developed Course_Plumbing.zip(6.09 MB) • Annex 125_UNIBEN_Nigeria_Developed Course_Water Supply and Environmental Engineering.pdf(2.03 MB) • Annex 126_UNIBEN_Nigeria_Developed Course_Remote Sensing and GIS.pdf(4.23 MB) • Annex 127_UNIBEN_Nigeria_Developed Course_Borehole Construction and Maintenance.pdf(1.14 MB) • Annex 128_UNIBEN_Nigeria_Developed Course_Operation and Maintenance of Water Distribution System.pdf(1018.35 KB) • Annex 129_UCAD_Senegal_Implemented Course_Gestion de projet.pdf(1.43 MB) • Annex 130_UCAD_Senegal_Implemented Course_Initiation à la modélisation hydrologique.pdf(6.46 MB) • Annex 131_UCAD_Senegal_Implemented Course_Systèmes d'Information Géographiques (SIG).pdf(2.03 MB) • Annex 132_UCAD_Senegal_Implemented Course_Photogrammétrie.pdf(3.45 MB)
ANNEX 133-134 (HCD): IMPACT – Monitoring & Evaluation Annexes	<ul style="list-style-type: none"> • Annex 133_ACEWATER2 M&E Report.zip(964.48 KB) • Annex 134_ACEWATER2 Impact Final Report_Clean.pdf(1.16 MB)
ANNEX 135-139 (HCD): Risk Mapping & Online E-Readiness Survey	<ul style="list-style-type: none"> • Annex 135_HCD_Risk_Mapping_All-CoEs_Questionnaire.pdf(135.17 KB) • Annex 136_Risk Mapping Table.xlsx(21.23 KB) • Annex 137_Summary of E-Readiness Assessment_CEANWATCE_Final.pdf(149.28 KB) • Annex 138_Summary of E-Readiness Assessment_SANWATCE_Final.pdf(144.09 KB) • Annex 139_Summary of E-Readiness Assessment Study_WANWATCE_Final.pdf(148.44 KB)

Document	Files
ANNEX 140 (SC) : The African Networks of Centres of Excellence on Water Sciences Phase II (ACE WATER 2)	<ul style="list-style-type: none"><li data-bbox="846 228 1760 256">• JRC_Technical Report ACE2ScientificAchievements_ver6.pdf(17.22 MB)
ANNEX 141 (HCD): The African Networks of Centres of Excellence on Water Sciences Phase II (ACE WATER 2) : Human Capacity Development activities outcomes	<ul style="list-style-type: none"><li data-bbox="846 419 1630 448">• JRC_Technical Report ACE2-HCDAchievements.pdf(2.19 MB)