

NATIONAL BIODIVERSITY ASSESSMENT OF 2018

(NBA 2018):

FULL LIST OF OUTPUT PRODUCTS FROM THE INLAND AQUATIC (FRESHWATER) COMPONENT






















30 March 2021

Dear all,













Through continuous e-mail requests, I have realised that many people still don't have access to the all the output products that was generated for the freshwater component of the NBA 2018.

I provide an overview here of (A) the output products and (B) the sites where you can obtain these.

















































(A) Full list of output products generated for the freshwater component of the NBA 2018, as made available via the CSIR link:



<u>Main folder:</u>	
<p><u>Reports and publications:</u></p> <ul style="list-style-type: none">  20190920 NBA2018_Vol2a_SAIIE.pdf   20191001 NBA2018_Vol2b_InlandAquatic - final.pdf   20191128 NBA 2018 IA booklet and factsheet.pdf  <hr/> <ul style="list-style-type: none">  Van Deventer 2018 WaterSA on SAIIE 3519.pdf   Van Deventer et al 2018 Review of available data for SAIIE WaterSA.pdf  <hr/> <p><u>Datasets:</u></p> <ul style="list-style-type: none">  20200131_River_estuary_ecotone.zip   SAIIE_v3_20191003_final.gdb-20191122T061533Z-001.zip  	<p><u>Subfolders:</u></p> <ul style="list-style-type: none">  Annexures  SAIIE2018 layer files  SAIIE2018 metadata <hr/> <p><u>Supplementary material to the NWM5 journal paper:</u></p> <ul style="list-style-type: none">  2020 NWM5 journal paper Supplementary I.xlsx   2020 NWM5 journal paper Supplementary II.xlsx 



Annexure's sub-folder:



-  Annexure A SUMMARY OF OBSERVED AND PREDICTED CHANGES IN CLIMATE.docx 
-  Annexure B COMPLIANCE STATUS OF WWTW OF SOUTH AFRICA BETWEEN 2011 AND 2018.... 
-  Annexure C List of large waterbodies being monitored by the EONEMP.xlsx 
-  Annexure D ETS and EPL FOR RIVER ECOSYSTEM TYPES PER PROVINCE AND WMA.xlsx 
-  Annexure E Inland wetland ETS and EPL per province or WMA.xlsx 
-  Appendix F DESCRIPTION OF DWS MONITORING POINTS PER RIVER ECOSYSTEM TYPE.xlsx 



SAIIAE2018 layer files sub-folder:



- | | |
|--|--|
|  Aquaculture facilities .lyr  |  NBA_2018_Flagship_Rivers.lyr  |
|  Dam wall heights.lyr  |  NBA_2018_Free-flowing_Rivers.lyr  |
|  Dam_wall_heights_AEA.lyr  |  NBA_2018_PES_Mainstems.lyr  |
|  Ecosystem Protection Level (EPL).lyr  |  NBA_2018_PES_Tributaries.lyr  |
|  Ecosystem Threat Status (ETS).lyr  |  NBA_2018_Rivers_EPL.lyr  |
|  Inland wetland EPL.lyr  |  NBA_2018_Rivers_ETS.lyr  |
|  Inland wetland ETS.lyr  |  NBA2018_artificial_wetlands_20180629_AEA.lyr  |
|  Inland wetlands ecological condition.lyr  |  NBA2018_Flow_variability.lyr  |
|  Inland wetlands risk categories.lyr  |  NBA2018_Geomorphological_zones.lyr  |
|  Inland_Wetlands_L2_regions.lyr  |  NWM5_20191003_final_AEA.lyr  |
|  Limnetic wetlands.lyr  |  NWM5_Confidence_map_AEA.lyr  |
|  NBA_2018_Ecoregions_Level1.lyr  |  Peatlands_desiccated_burnt_AEA.lyr  |



-  Protected Areas.lyr 



-  Provinces.lyr 



-  Ramsar_sites_centroids_2018_GeoWGS84.lyr 

-  South African Ramsar Sites (2018).lyr 

















































-  Wetland directories 1998 and 1999.xlsx 

-  WTW.lyr 

-  WWTW Critical under critical review in 2019.lyr 

-  WWTW2.lyr 

SAIIAE2018 metadata sub-folder:

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|--|--|
|  Aquaculture_DAFF_DEA_2018 metadata.pdf  |  NWM3_Unclassified_Waterbodies metadata.pdf  |
|  Dam_wall_heights_AEA metadata.pdf  |  NWM5_Confidence_map_AEA metadata.pdf  |
|  Inland_Wetlands_L2_regions.pdf  |  Oxbows_CSIR_2016_AEA metadata.pdf  |
|  National_Wetland_Map_5_2 metadata.pdf  |  Peatlands_desiccated_burnt_AEA.pdf  |
|  NBA2018_artificial_wetlands_AEA metadata.pdf  |  Ramsar_sites_centroids_2018_AEA metadata.pdf  |
|  NBA2018_NWM5_AEA_metadata.pdf  |  SA_Ramsar_Sites_2018_polygons metadata.pdf  |
|  NBA2018_Rivers_metadata.pdf  |  Springs_AEA metadata.pdf  |
|  NFEPA_SQ4s_AEA.pdf  |  Thermal_springs_AEA metadata.pdf  |
|  NWM1_WaterbodiesMerge metadata.pdf  |  Waterfalls_AEA metadata.pdf  |
|  NWM2_Wet_Il_smooth_poly2 metadata.pdf  |  WTW_pnt_CSIR_2015_AEA metadata.pdf  |
|  NWM3_Artificial_Waterbodies metadata.pdf  |  WWTW_declared_critical_20190104_AEA.pdf  |
|  NWM3_Natural_Waterbodies metadata.pdf  |  WWTW_pnts_CSIR_2015_AEA metadata.pdf  |

The geodatabase (SAIIAE v3 20191003 final.gdb.zip = unzip this):

<ul style="list-style-type: none"> SAIIAE_v3_20191003_final.gdb <ul style="list-style-type: none"> National_Wetland_Map_1_3 <ul style="list-style-type: none"> NWM1_WaterbodiesMerge NWM2_Wet_II_smooth_poly2 NWM3_Artificial_Waterbodies NWM3_Natural_Waterbodies NWM3_Unclassified_Waterbodies NBA2018_Inland_Aquatic_Assessments <ul style="list-style-type: none"> NBA2018_Artificial_Wetlands NBA2018_National_Wetland_Map5 NBA2018_Rivers NWM5_Confidence_Map 	<ul style="list-style-type: none"> Supporting_datasets <ul style="list-style-type: none"> Aquaculture_DAFF_DEA_2018 Dam_wall_heights_AEA Inland_Wetlands_L2_regions National_Wetland_Map_5_2 NFEPA_SQ4s_AEA Oxbows_CSIR_2016_AEA Peatlands_desiccated_burnt_AEA Ramsar_sites_centroids_2018_AEA SA_Ramsar_Sites_2018_polygons Springs_AEA Thermal_springs_AEA Waterfalls_AEA WTW_pnt_CSIR_2015_AEA WWTW_declared_critical_20190104_AEA WWTW_pnts_CSIR_2015_AEA
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(B) Where to download the NBA 2018 freshwater component data:

Site and link:	Description of data available
<p>SANBI’s website for the NBA 2018 (via the Biodiversity Advisor website, previously known as the “BGIS” website: http://biodiversityadvisor.sanbi.org/planning-and-assessment/national-biodiversity-assessment-nba-2018/)</p> <ul style="list-style-type: none"> • Click on the text about in the middle of the page: “Click here or all technical reports, data and supplementary documents” • On the left-hand side of the page, click on: <ul style="list-style-type: none"> ○ (The links have become inactive): <ul style="list-style-type: none"> ➤ Inland aquatic assessment ○ To access the second report, vol 2b, click on: <ul style="list-style-type: none"> ➤ Volume 2a: SA Inventory of Inland Aquatic Ecosystems 	<p>There are several pages which provides access to some of the datasets, reports and annexures</p>
<p>SANBI’s back-up google drive folder for the whole of the NBA 2018 https://drive.google.com/open?id=1khFJ1ZFMlCsKSuv0e2IRS35ufCJTRCr4</p>	<p>This link provides access to all the NBA 2018 reports, offering a subset of four shapefiles from the full the SAIIE.</p>
<p>SANBI’s Freshwater Biodiversity Unit (FBU) google drive folder back-up folder: https://drive.google.com/drive/folders/18yTdYcNLAG59EosmnWfb1cVTsDHrHIZW?usp=sharing</p>	<p>It includes the SAIIE geodatabase, all layer files, metadata, reports and the geodatabase features as shapefiles.</p>
<p>The CSIR’s back-up google drive back-up folder https://drive.google.com/drive/folders/1GjU-sm4XtGaxMrCEds0gIZe3B_dmHEp?usp=sharing</p>	<p>All data (full SAIIE geodatabase), reports and articles, annexures, metadata and layer files – the full and complete set, including data related to the NWM5 publication.</p>

Kind regards,

A handwritten signature in blue ink, appearing to read 'Heidi van Deventer', with a horizontal line underneath the name.

Dr Heidi van Deventer
Senior researcher at the CSIR