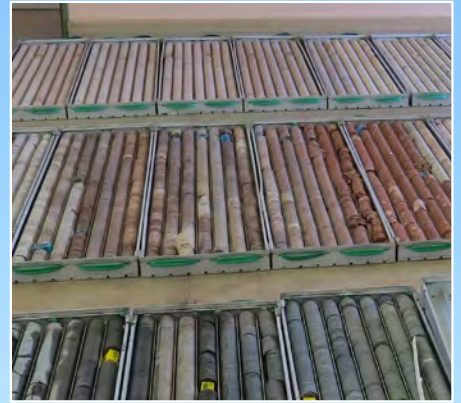


CGS Annual Report 2019/20 Highlights



This year under review, the organisational performance improved from

69% from FY2018/19 to **82%**

The CGS has obtained an unqualified audit for the financial year 2019/2020.



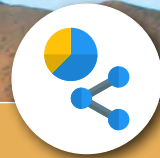
The CGS set a bold target of using geoscience data and information to contribute towards significant growth in inclusive exploration of mineral resources from **below 1%** to **5%** share of the global exploration budget.



The coverage of national mapping (onshore) at a scale of 1:50 000 has increased from **below 5%** to **8.8%** at the end of the MTSF (2014-2019) cycle.



The CGS finalised the Geoscience Data and Information Policy and developed internal mechanism to ensure a seamless and transparent dissemination of information to the Public.



The CGS has accelerated the implementation of the Integrated and Multi-Disciplinary Geoscience Mapping Programme and re-prioritised areas of greatest potential of discovery of the world-class deposits. To this end, five areas of highest potential constitutes the CGS's contribution to the economic recovery programme of government. These include critical minerals such as lithium, manganese, vanadium, fluorspar, phosphates and base metals, all of which are envisioned to contribute towards growing exploration expenditure in South Africa to 5% share of the global exploration budget.



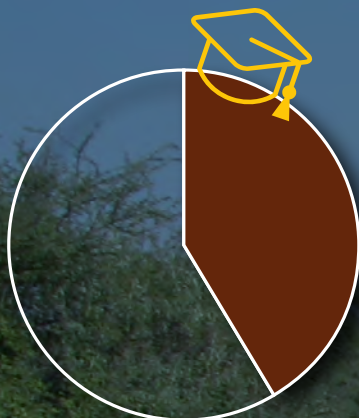
mineral resources
& energy

Department:
Minerals Resources and Energy
REPUBLIC OF SOUTH AFRICA



Council for Geoscience

Percentage of scientific staff with **Masters or Doctoral degrees**



41.56%

EE statistics, **Male-Female ratio**



49:51

Stakeholder satisfaction
level FY2019/20



76%

Number of articles published on media platforms



Number of peer reviewed articles published



Number of CGS publications



Percentage of training expenditure to leviabile amount of payroll

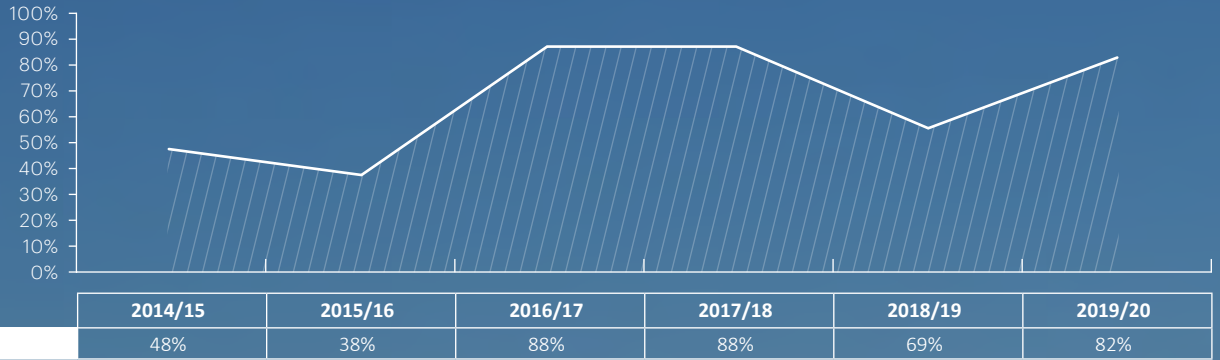
3.52%

FY2019/20

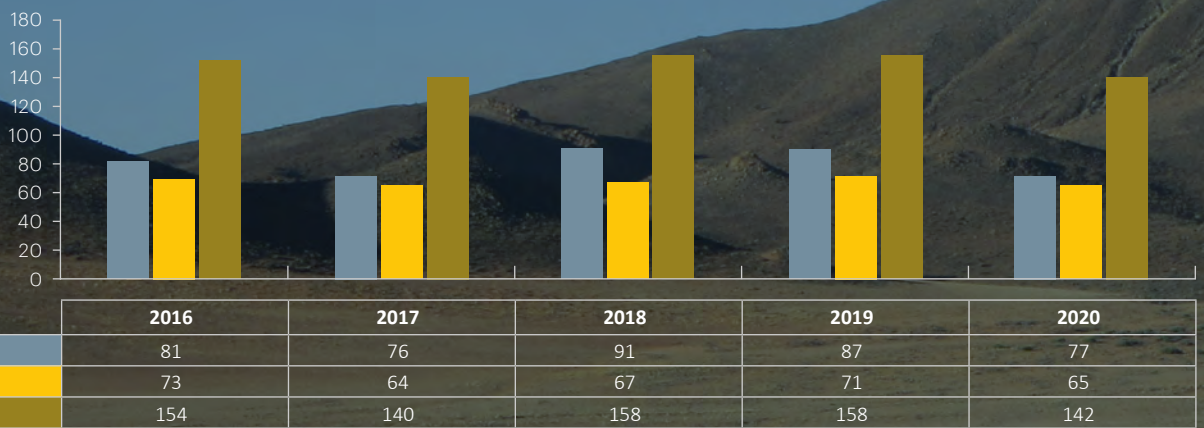
Other notable achievements of the past five years (MTSF 2014 -2019) include, albeit not limited to:

<p>The published 1:1 000 000 -scale geology map of South Africa</p>	<p>The first global geological map of the seafloor and coastal plain of the Last Glacial Maximum</p>	<p>Implementation of geoscience mapping projects in Griqualand West, the Northern Cape, Giyani and the seafloor</p>
<p>Discovery of groundwater resources in the Beaufort West region during the draught period</p>	<p>Seismic microzonation of the City of Johannesburg</p>	<p>Artificial intelligence application in geoscience established as a core competency of the organisation</p>
<p>Development of remote sensing techniques to predict geohazards</p>	<p>Continued successful monitoring of seismic activity throughout South Africa</p>	<p>Publication of more than 200 peer-reviewed articles, which have received approximately 1 440 citations</p>
<p>Continuous provision for experiential learning for students from universities of technology (formerly known as technikons)</p>	<p>Contributions to the graduations of 17 students, more than 66% of whom are females</p>	<p>27 Master's and 10 Doctoral degrees have been awarded to CGS staff</p>

Organisational Performance (MTSF 2014-2019)



Staff below 35 by Race and Gender



Youth vs Adults as per financial year

