

CURRICULUM VITAE

1. BIOGRAPHICAL SKETCH

1.1 GENERAL INFORMATION										
Surname	Hansen									
First names	Christel Dorothee		ID Number	8303110088085						
Citizenship	South Africa		Title	Dr	Female	<input checked="" type="checkbox"/>	Male	<input type="checkbox"/>		
Place of birth	Windhoek, Namibia		Date of birth	1983/03/11						
Population group	African	<input type="checkbox"/>	Coloured	<input type="checkbox"/>	Indian	<input type="checkbox"/>	White	<input checked="" type="checkbox"/>	Other <i>(Please specify)</i>	
Department	Geography, Geoinformatics and Meteorology		Position	Lecturer						
Direct Telephone	+27-12-420-4255		Direct Telefax							
E-mail	christel.hansen@up.ac.za									
Date of appointment	April 2018		Permanent full-time	<input checked="" type="checkbox"/>	Temporary full-time	<input type="checkbox"/>				
SCOPUS ID: 56087961100 ; ORCID: 0000-0001-7510-2720 ; Web of Science ResearcherID: C-8783-2012										

1.2 ACADEMIC QUALIFICATIONS OBTAINED				
Degree/ Diploma	Field of study	Higher education institution	Year	Distinctions
BSc <i>Cum Laude</i>	Geoinformatics	University of Pretoria	2010	Yes
BScHons <i>Cum Laude</i>	Environmental Analysis and Management	University of Pretoria	2011	Yes
MSc <i>Cum Laude</i>	Geography (Geomorphology topic)	Rhodes University	2014	Yes
PhD	Geography (Geomorphology topic)	Rhodes University	2018	N/A

1.2.1 TEACHING CERTIFICATES OBTAINED		
Certificate	Institution	Year
Assessor (Plan and Conduct Assessment)	ExeCoach	2011
Facilitation	ExeCoach	2011

Strengthening Postgraduate Supervision	Rhodes University, NUFFIC	2015
--	---------------------------	------

1.2.2 ADDITIONAL GEOINFORMATION COURSES ATTENDED		
Certificate	Institution	Date
PROGRAMMING/STATISTICS		
Working with Forms in VBA	ESRI Inc.	05/05/2010
Understanding Branching and Looping using VBA	ESRI Inc.	05/05/2010
Learning Visual Basic for Applications for New ArcGIS Developers	ESRI Inc.	09/07/2010
Introduction to Visual Basic 6	ESRI Inc.	09/07/2010
Using Python in ArcGIS Desktop 10	ESRI Inc.	24/03/2011
Applied Regression Analyses	Ohio State University	15/05/2015
Python Scripting for Map Automation in ArcGIS 10	ESRI Inc.	26/05/2015
Introduction to Map Production System-Atlas	ESRI Inc.	27/05/2011
R Programming	John Hopkins University	05/06/2015
GIS APPLICATIONS		
Learning ArcGIS Spatial Analyst	ESRI Inc.	20/06/2009
Spatial Analysis of Geohazards Using ArcGIS 9	ESRI Inc.	12/07/2009
Geocoding with ArcGIS Desktop	ESRI Inc.	15/07/2009
Geocoding with ArcGIS Desktop	ESRI Inc.	05/05/2010
Learning ArcGIS 3D Analyst	ESRI Inc.	05/05/2010
Creating and Integrating Data for Natural Resource Applications	ESRI Inc.	20/05/2010
Editing in ArcGIS Desktop 10	ESRI Inc.	27/05/2011
Introduction to GIS Data ReViewer	ESRI Inc.	27/05/2011
ESRI Certified ArcGIS Desktop Associate 10	ESRI Inc.	16/09/2011
ESRI Certified ArcGIS Desktop Associate 10.1	ESRI Inc.	08/01/2013
Maps and the Geospatial Revolution	Pennsylvania State University	15/05/2015
Image Processing with ArcGIS	ESRI Inc.	13/06/2016
Performing Spatial Interpolation Using ArcGIS	ESRI Inc.	15/09/2016
GEODATABASES		
Building Geodatabases	ESRI Inc.	13/04/2010
Introduction to the Multi-User Geodatabase	ESRI South Africa	07 – 09/04/2010
MULTI-USER AND SERVER ENVIRONMENT		
Geodatabase Design Concepts	ESRI South Africa	06/04/2010
Creating and Editing Geodatabase Features with ArcGIS Desktop (for ArcEditor and ArcInfo)	ESRI Inc.	21/06/2009
Basics of the Geodatabase Data Model	ESRI Inc.	24/05/2009

1.3 WORK EXPERIENCE TO DATE		
Name of employer	Capacity and/or type of work	Period
University of Pretoria	Lecturer, Geography, Geoinformatics and Meteorology (permanent)	Apr. 2018 – present
University of Pretoria	Lecturer, Geography, Geoinformatics and Meteorology (fixed-term contract)	Jan. – Mar. 2018
University of Pretoria	Teaching assistant, Geography, Geoinformatics and Meteorology (fixed-term contract)	Nov. – Dec. 2017

University of Pretoria	Lecturer, Geography, Geoinformatics and Meteorology (fixed-term contract)	May – Nov. 2017
Rhodes University	Lecturer, Geography (fixed-term contract)	Sep. – Dec. 2016
University of Pretoria	Lecturer, Geography, Geoinformatics and Meteorology (fixed-term contract)	Jul. – Oct. 2016
University of South Africa	Marker for undergraduate and postgraduate assignments, examinations and projects, module development, Geography (fixed-term contract)	Jul. 2014 – Jul. 2018
CSS (Conservation Support Services) (Grahamstown)	GIS Data Capturer (fixed-term contract)	Feb. – Apr. 2013
Rhodes University	Graduate Assistant, Geography, (fixed-term contract)	Feb. 2012 – Oct. 2014
Esri South Africa	GIS Technician (contract)	Jan. 2011 – Dec. 2011
Esri South Africa	GIS Intern (fixed-term contract)	Mar. 2010 – Dec. 2010
University of Pretoria	Teaching Assistant (3 rd year Remote Sensing), Geography, Geoinformatics and Meteorology (fixed-term contract)	Jun. – Nov. 2010
University of Pretoria	GIS Assistant to the Unit for Geoinformation and Mapping, Geography, Geoinformatics and Meteorology (fixed-term contract)	Feb. 2009 – Mar. 2010

2. TEACHING ACTIVITIES

2.1 Courses presented		
Course	Level (e.g. second year, Masters)	Self-developed
GGY 166: Southern African Geomorphology (2016)	1 st year	No
GGY 252: Process Geomorphology (2017)	2 nd year	No, but material updated and improved
GGY 265: Geomorphology of the Built Environment (2017)	2 nd year	No, but material updated and improved
GGY 283: Introductory Geographic Information Systems (2018)	2 nd year	Yes
GIS 220: Geographical Data Analysis (2018)	2 nd year	No, but material updated and improved
GIS 310: Geographical Information Systems (2019-present)	3 rd year	Yes
GIS 708: Advanced GIS (2020)	Honours	Yes

2.2 Other education and pedagogic courses presented		
Course	Year	Institution
ESRI Course: Network Analyst (2010, 2011)	3 rd year; clients from commercial companies and municipalities	ESRI South Africa, University of Pretoria
ESRI Course: Introduction to ArcGIS Server (2010, 2011)	Clients from commercial companies and municipalities	ESRI South Africa
ESRI Course: Introduction to FlexViewer in the GIS Environment (2010, 2011)	Clients from commercial companies and municipalities	ESRI South Africa
ESRI Course: Introduction to Python in the GIS Environment (2010, 2011)	Clients from commercial companies and municipalities	ESRI South Africa
Presentation Skills & Poster-Making Skills (2012, 2013, 2014, 2015)	3 rd year and Honours	Rhodes University
Zotero Referencing Workshop (2012, 2013, 2014, 2015)	3 rd year and Honours	Rhodes University
Introduction to GIS (2012, 2013, 2014, 2015)	3 rd year	Rhodes University
GOG 302: Geography in Theory and Practise (2016)	3 rd year	Rhodes University

3. TEACHING OUTPUTS

3.1 Educational publications and products
EAR 101: Earth Science Practical Manual (2013), 1 st year, Rhodes University GGH 3705: Assessing Environmental Impacts (2014), 3 rd year, University of South Africa

5. POSTGRADUATE SUPERVISION

5.2 Current post-graduate students					
Name of student	Degree enrolled for and date of first registration	Project title	Supervisor	Co-supervisor	Year of registration
Honours					
Hanson, A	BScHons Geoinformatics, 2020	Modelling cultural continuity in prehistoric South Africa using the Robberg	C Hansen	R Rifkin	2

		technocomplex as a case study			
van Nierop, E	BScHons Geoinformatics, 2020	Topography, efficiency & GIS - what path is best?	C Hansen		1
Brown, C	BScHons Geoinformatics, 2019	Reporting on operational and potential hydropower schemes in South Africa	C Hansen		Completed 2019
Sadiki, M	BScHons Geoinformatics, 2019	Assessing the impact of climate change on water bodies of Marion Island	C Hansen	M Greve	Completed 2019
Jordaan, B	BScHons Geoinformatics, 2018	Mapping invasive <i>Acacia mearnsii</i> in KwaZulu Natal using remote sensing and geospatial methods	C Hansen	M Greve	2
Masters					
Mahamba, N	MSc Geoinformatics, 2020	Developing a hydropower atlas for South Africa	C Hansen		1
Sadiki, M	MSc Geoinformatics, 2020	Assessing mire distribution and climate parameter on Marion Island using GIS and remote sensing techniques	C Hansen	M Greve	1
Ngoasheng, S	MSc Geoinformatics, 2018	Correlation of ground motion to deformation and seismic hazards	C Hansen	A Kijko	3
Boihang, LM	MSc Environmental Management, 2017	Historical gully erosion growth in the Lower Thina Catchment, Eastern Cape	C Hansen	R Anderson	4 * first year under my supervision: 2018
Savy, JD	MSc Geoinformatics, 2017	Using free resources for the creation of digital elevation and geographic data: The case study of Rodrigues Island	C Hansen		4 * first year under my supervision: 2018
Doctoral					
Boshoff, P	PhD Engineering and	The Plio-Pleistocene Sterkfontein	M Dippenaar	C Hansen	2

	Environmental Geology Hydrogeology, 2019	Valley as a multifaceted wetland environment			
Simelane, S	PhD Geoinformatics, 2019	Evaluating urban expansion and land use change in Mbabane, Eswatini, from 1997 to 2017 by using Landsat imagery	C Hansen	C Munghemezulu	2

6. RESEARCH FUNDING

6.1 Obtaining research funds			
Origin of research funds	Title of research project or programme	Duration	Money allocated (R)
Society of South African Geographers	SSAG Centenary Award	2 years	20 000

6.2 Obtaining conference funds		
Origin of research funds	Title of research project or programme	Money allocated
AIG/AIG	Conference attendance: SAAG 2012 (Namibia)	€ 350
ANTPAS/SCAR	Conference attendance: 2014 SCAR & OSC (New Zealand)	USD 500
	Workshop attendance: 2018 ANTPAS Workshop (Italy)	USD 750
Volkswagen Stiftung	Workshop attendance: 2015 Summer School on Geomorphology (SSOG)	€ 1 500
Bolin Centre for Climate Research, AWI	Workshop attendance: 2016 Young Researchers Workshop, ICOP (Germany)	€ 250
IPA	Conference attendance: 2016 ICOP (Germany)	€ 250
NRF-ISL (ICSU)	Conference attendance: 2014 SCAR & OSC (New Zealand)	R 35 000
	Conference attendance: 2016 SCAR & OSC (Malaysia)	R 45 800
	Conference attendance: 2018 SCAR & OSC (Switzerland)	R 34 483
APECS; Antarctic Science Ltd.	Conference attendance: 2018 SCAR & OSC (Switzerland)	NOR 7 500

7. RESEARCH OUTPUTS

7.1 Publications in peer-reviewed or refereed journals

1. Nel, W., Boelhouwers, J.C., Borg, C.-J., Cotrina, J.H., Hansen, C.D., Haussmann, N.S., Hedding, D.W., Nguna, A.A., Meiklejohn, K.I., Rudolph, E.M., Sinuka, S.S., Sumner, P.D. 2020. Earth science research on Marion Island (1996-2020): A synthesis and new findings. *South African Journal of Geography*, submitted. [ISI journal, IF: 0.423]
2. Hedding, D.W., Erofeev, A.A., Hansen, C.D., Khon, A.V., and Abbasov, Z.R. 2019. Geomorphological processes and landforms of glacier forelands in the upper Aktru River basin (Gornyi Altai), Russia: evidence for rapid recent retreat and paraglacial adjustment. *Journal of Mountain Science*, under review. [ISI journal, IF: 1.423]
3. Rudolph, E.M., Meiklejohn, K.I., Hansen, C.D., Hedding, D.W., and Nel, W. 2018. Rock glaciers in the Jutulsessen, Dronning Maud Land, East Antarctica. *Polish Polar Research*, 39 (1): 1-8. [ISI journal, IF: 1.121]
4. Hedding, D.W., Hansen, C.D., Nel, W., Loubser, M.J., Le Roux, J.J., and Meiklejohn, K.I. 2015. Rock mass loss on a Nunatak in Western Dronning Maud Land, Antarctica. *Arctic, Antarctic and Alpine Research*, 48 (1): 1-8. [ISI journal, IF: 1.455]
5. Hansen, C.D., Meiklejohn, K.I., Nel, W., Loubser, M.J. & van der Merwe, B.J. 2013. Aspect-controlled weathering observed on a blockfield in Dronning Maud Land, Antarctica, *Geografiska Annaler Series A: Physical Geography*, 95 (4): 305-313. [ISI journal, IF: 1.609]

7.6 Technical reports

1. Team Leader Report: Compilation for submission to the final SANAP 2014 science report of the relief-voyage to Antarctica, 2014.
2. Team Leader Report: Compilation for submission to the Norwegian Polar Institute (NPI), following fieldwork at Troll Station, Antarctica, 2014.

8. OTHER SCHOLARLY RESEARCH-BASED CONTRIBUTIONS

8.1 Participation in conferences, workshops and short courses

8.1.1 International

8.1.1.1. Invited presentations at Conferences

8.1.1.2. Other oral presentations at Conferences

1. Hansen, C.D. 2019. Topography, efficiency & GIS - what path is best? *Southern African Association of Geomorphologists (SAAG) Biennial Conference*, Chintsa East, South Africa.
2. Boihang, L.M. and Hansen, C.D. 2019. Historical gully erosion growth in the Lower Thina Catchment, Eastern Cape. *Southern African Association of Geomorphologists (SAAG) Biennial Conference*, Chintsa East, South Africa.
3. Sadiki, M.M., Hansen, C.D. and Greve, M. 2019. Quantifying changes in surface water bodies in response to climate change on Marion Island. *Southern African Association of Geomorphologists (SAAG) Biennial Conference*, Chintsa East, South Africa.
4. Hansen, C.D. and Meiklejohn, K.I. 2017. Delineating Dronning Maud Land based on biotic and abiotic factors. *1st International ANTPAS Workshop*, Varese, Italy, 4-5 October 2017.
5. Hansen, C.D. and Meiklejohn, K.I. 2017. Short-term and high-frequency diurnal frost observations for Vesleskarvet, Antarctica. *Southern African Association of Geomorphologists (SAAG) Biennial Conference*, Kwaluseni, Eswatini.
6. Hansen, C.D., Knox, J.T. and Wilmot, N. 2017. Communicating Polar Research in South Africa. *3rd APECS International Online Conference*.
7. Hansen, C.D. and Meiklejohn, K.I. 2016. Seasonal and diurnal frost environments in western Dronning Maud Land: Preliminary observations. *Scientific Committee on Antarctic Research (SCAR) 34th Biennial Open Science Conference (OSC)*, Kuala Lumpur, Malaysia.

8. Hansen, C.D., Meiklejohn, K.I. and Nel, W. 2016. Investigations into the ground thermal regime near Troll station, in the Jutulsessen of Antarctica: 2007- 2016. *11th International Conference on Permafrost (ICOP)*, Potsdam, Germany.
9. Meiklejohn, K.I., Kotzé, C. and Hansen, C.D. 2016. Active layer monitoring in Western Dronning Maud Land, Antarctica since 2007. *11th International Conference on Permafrost (ICOP)*, Potsdam, Germany.
10. Hansen, C.D., Meiklejohn, K.I. and Nel, W. 2015. An evaluation of thermal temperature regimes for three sites from Dronning Maud Land, Antarctica: Nonshøgda, Vesleskarvet and Robertskollen. *12th International Symposium on Antarctic Earth Science (ISAES)*, Goa, India.
11. Hansen, C.D., Meiklejohn, K.I. and Nel, W. 2015. Topographic and climatic forcing observed on ground surface temperatures. *Southern African Association of Geomorphologists (SAAG) Biennial Conference*, Sani Pass, Lesotho.
12. Hedding, D.W., Hansen, C.D., Nel, W., Loubser, M. J., le Roux, J.J. and Meiklejohn, K.I. 2015. Rock mass loss on a nunatak in Western Dronning Maud Land, Antarctica: implications for periglacial landform development and habitat facilitation. *Southern African Association of Geomorphologists (SAAG) Biennial Conference*, Sani Pass, Lesotho.
13. Meiklejohn, K.I., Nel, W., Hansen, C.D., Lee, J.E., Matcher, G.R., Dwight, R.A., Scott, D.A., Kotze, C., Rudolph, E.M., Ayres, G.A., Rosenfels, J.A., Hedding, D.W., Loubser, M.J., van der Merwe, B., le Roux, J.J., and Davis, J. 2015. Landscape processes in Antarctic ecosystems. *Southern African Association of Geomorphologists (SAAG) Biennial Conference*, Sani Pass, Lesotho.
14. Dwight, R.A., Meiklejohn, K.I., Lee, J.E., Hansen, C.D. and Matcher, G.R. 2014. Geomorphic-biological interactions in the Ahlmannryggen and Jutulsessen areas of Western Dronning Dronning Maud Land. *Scientific Committee on Antarctic Research (SCAR) 13th Biennial Open Science Conference (OSC)*, Auckland, New Zealand.
15. Meiklejohn, K.I., Davis, J., Dwight, R.A., Hansen, C.D., Hedding, D.W., le Roux, J.J., Lee, J.E., Loubser, M.J., Matcher, G.R., Nel, W., Rudolph, E.M., Scott, D.A. and van der Merwe, B. 2014. Landscape processes and the active layer environment in Western Dronning Maud Land. *Scientific Committee on Antarctic Research (SCAR) 13th Biennial Open Science Conference (OSC)*, Auckland, New Zealand.
16. Meiklejohn, K.I., Dwight, R.A., Hansen, C.D., Scott, D.A. and Lee, J.E. 2013. Characteristics and development of an autochthonous blockfield, Western Dronning Maud Land, Antarctica. *8th International Conference on Geomorphology*, Paris, France.
17. Hansen, C.D., Meiklejohn, K.I. and Nel, W. 2012. Aspect control on weathering observed on a blockfield in Dronning Maud Land, Antarctica. *Southern African Association of Geomorphologists (SAAG) Biennial Conference*, Gobabeb, Namibia.

8.1.1.3. Poster presentations at Conferences

1. Hansen, C.D. 2018. A comparison of the frost environment of three disparate climatic locations. *Scientific Committee on Antarctic Research (SCAR) 35th Biennial Open Science Conference (OSC)*, Davos, Switzerland (POLAR2018), 24-26 June.
2. Hansen, C.D. and Meiklejohn, K.I. 2018. The active layer and permafrost environment of Flårjuven (Antarctica): 2008 – 2017. *Scientific Committee on Antarctic Research (SCAR) 35th Biennial Open Science Conference (OSC)*, Davos, Switzerland (POLAR2018), 24-26 June.
3. Hansen, C.D. and Meiklejohn, K.I. 2016. Short-term changes observed in the ground thermal regime following the construction of a building: A case study from the Antarctic. *11th International Conference on Permafrost (ICOP)*, Potsdam, Germany.
4. Hansen, C.D., Dwight, R.A. and Meiklejohn, K.I. 2016. The use of proxy data to determine patterns of rock exposure on a nunatak in western Dronning Maud Land, Antarctica. *Scientific Committee on Antarctic Research (SCAR) 34th Biennial Open Science Conference (OSC)*, Kuala Lumpur, Malaysia.
5. Hansen, C.D., Loubser, M.J. and Rudolph, E.M. 2016. Observations on frost mounds in the Jutulsessen, Antarctica. *Scientific Committee on Antarctic Research (SCAR) 34th Biennial Open Science Conference (OSC)*, Kuala Lumpur, Malaysia.

6. Hansen, C.D., Meiklejohn, K.I. and Nel, W. 2014. An evaluation of high-altitude and -latitude diurnal frost environments. *Scientific Committee on Antarctic Research (SCAR) 13th Biennial Open Science Conference (OSC)*, Auckland, New Zealand.
7. Hansen, C.D., Meiklejohn, K.I., Dwight, R.A., Rudolph, E.M. and Scott, D.A. 2014. An investigation into morphology and dynamics of thermal contraction crack polygons found at Mimelia in the Jutulsessen, Antarctica. *Scientific Committee on Antarctic Research (SCAR) 13th Biennial Open Science Conference (OSC)*, Auckland, New Zealand.
8. Rudolph, E.M., Bumby, A., Meiklejohn, K.I. and Hansen, C.D. 2014. The geomorphology of a rock glacier, near Troll Station in the Jutulsessen, Antarctica. *Scientific Committee on Antarctic Research (SCAR) 13th Biennial Open Science Conference (OSC)*, Auckland, New Zealand.

8.1.2 National

8.1.2.1. Invited presentations at Conferences

- Hansen, C.D. 2014. Periglacial geomorphology. *9th DAAD-NRF In-Country Scholarship Holders Meeting and Workshop*, Stellenbosch, South Africa.

8.1.2.2. Other oral presentations at Conferences

1. Hansen, C.D., Rudolph, E.M. and Loubser, M.J. 2016. A note on frost mounds observed in the Jutulsessen, Antarctica. *Society of South African Geographers (SSAG) Centenary Conference*, Stellenbosch, South Africa.
2. Hansen, C.D., Rudolph, E.M. and Loubser, M.J. 2016. Observations on frost mounds in the Jutulsessen, Antarctica. *4th South African National Antarctic Program (SANAP) Principal Investigator and Student Symposium*, Pretoria, South Africa.
3. Hansen, C.D., Meiklejohn, K.I. and Nel, W. 2014. The characterisation of an openwork block deposit, Northern Buttress, Vesleskarvet, Dronning Maud Land, Antarctica. *Society of South African Geographers (SSAG) 10th Biennial Conference*, East London, South Africa.
4. Hansen, C.D., Meiklejohn, K.I. and Nel, W. 2014. An evaluation of high-altitude and high-latitude diurnal frost environments. *Society of South African Geographers (SSAG) 4th PhD & Postdoctoral Workshop*, East London, South Africa.
5. Hansen, C.D. 2013. The changing role of GIS in education at Rhodes University. *1st GISSA Eastern Cape AGM*, Fish River Sun Resort, Eastern Cape.
6. Hansen, C.D. and Irvine, P.M. 2012. The social and economic characteristics of the 'tuisnywerheid' phenomenon. *Society of South African Geographers (SSAG) Student Conference*, Cape Town, South Africa.
7. Hansen, C.D., Meiklejohn, K.I. and Nel, W. 2012. Near-surface temperature fluctuations observed on a block field in Dronning Maud land, Antarctica. *Society of South African Geographers (SSAG) 9th Biennial Conference*, Cape Town, South Africa.
8. Hansen, C.D., Meiklejohn, K.I. and Nel, W. 2011. The development and controls on an openwork block deposit, Northern Buttress, Vesleskarvet, Dronning Maud Land, Antarctica. *Society of South African Geographers (SSAG) Student Conference*, Johannesburg, South Africa.
9. Hansen, C.D. 2010. The relationship between air quality and respiratory health in the City of Tshwane Metropolitan Municipality (CTMM): 2005-2009. *Society of South African Geographers (SSAG) Student Conference*, Grahamstown, South Africa.

8.2.1.3. Poster presentations at Conferences

- Hansen, C.D., Meiklejohn, K.I. and Nel, W. 2014. The characterisation of an openwork block deposit, Northern Buttress, Vesleskarvet, Dronning Maud Land, Antarctica. *3rd South African National Antarctic Program (SANAP) Principal Investigator and Student Symposium*, Grahamstown, South Africa.

8.1.3. Attendance of selected workshops and courses

1. 5th South African National Antarctic Program (SANAP) Principal Investigator and Student Symposium, Pretoria, South Africa, 2018.
2. 1st International Antarctic Permafrost, Periglacial Environments and Soils (ANTPAS) Workshop, Varese, Italy, 4-5 October 2017.
3. 'Young Researchers Network' workshop, 11th International Conference on Permafrost (ICOP), Potsdam, Germany, 2016.

4. ANTPAS Workshop at the Scientific Committee on Antarctic Research (SCAR) 34th Biennial Open Science Conference (OSC), Kuala Lumpur, Malaysia, 2016.
5. 4th South African National Antarctic Program (SANAP) Principal Investigator and Student Symposium, Pretoria, South Africa, 2016.
6. 2nd Summer School on Geomorphology (SSOG), Kaunertal, Austria, 2015.
7. South African Agency for Science and Technology Communication (SAASTA) Science Communication Symposium, Pretoria, South Africa, 2015.
8. 10th DAAD-NRF In-Country Scholarship Holders Meeting and Workshop, Stellenbosch, South Africa, 2015.
9. Society of South African Geographers (SSAG) 4th PhD & Postdoctoral Workshop, East London, South Africa, 2014.
10. 9th DAAD-NRF In-Country Scholarship Holders Meeting and Workshop, Stellenbosch, South Africa, 2014.
11. 8th DAAD-NRF In-Country Scholarship Holders Meeting and Workshop, Stellenbosch, South Africa, 2013.

8.2 Teamwork and collaboration with others:

Antarctica 2013/14

As part of the NRF/SANAP-funded project '*Landscape Processes in Antarctic Ecosystems*' I led the team that visited Antarctica for field work during the 2014/15 Austral summer. As a team leader I was responsible for day-to-day activities, climbing and safety training, overall safety of the team, logistical management, working with the Department of Environmental Affairs and SANAP, working with aviation personnel, as well as ensuring the scientific work was completed as set out in the proposal. Furthermore, I assisted and guided team members with their academic (MSc) research, ensuring scientific methods were sound and mapping was done to an appropriate standard.

International Conference on Permafrost (ICOP) 2016

Representing the Polar Young Researchers Network (PYRN), I helped co-convene and chair *Session 2: Antarctic Permafrost, Soils and Periglacial Environments (co-organized by SCAR)* at ICOP 2016.

Scientific Committee on Antarctic Research (SCAR) 2016

Representing the Association of Polar Early Career Scientists (APECS), I helped co-convene and chair *Session 11: Antarctic permafrost, periglacial processes and soil development* at SCAR 2016.

Southern Hemisphere International Conference on Permafrost (SouthCOP) 2019

Session co-convenor of *Sub-Antarctic Islands: Sentinels of Change*.

Scientific Committee on Antarctic Research (SCAR) 2020

Session co-convenor of *Sub-Antarctic Islands: Sentinels of Change*.

8.3 Membership in national and international bodies

- APECS (Association of Polar Early Career Scientists): full member (2016-present); South African representative to the APECS Council (2017-2019), APECS Council member (2017-present)
- APECSSA (Association of Polar Early Career Scientists: South Africa): full member (2017-present); National Committee Chair (2017-2019), National Committee Ex-Officio (2019-present)
- GISSA (Geo-Information Society of South Africa): full member (2009-present)
- IMCG (International Mire Conservation Group): full member (2019-present)
- PYRN (Permafrost Young Researchers Network): full member (2015-present)
- RSSAf (Royal Society of South Africa): full member (2015-present)
- SAAG (South African Society of Geomorphologists): full member (2012-present), President-Elect (2017-2019), President (2019-2021)
- SAGC (South African Geomatics Council): I am registered GISc Professional GISc(SA) 1194 since 17 April 2013
- SSAG (Society of South African Geographers): full member (2011-present)

- SANC (South African National Committee) to SCAR (Scientific Committee on Antarctic Research): Committee member (2019-present)

10. MANAGEMENT AND ADMINISTRATIVE DUTIES

10.1 List your involvement in departmental activities

- I am the current undergraduate coordinator for BSc Geoinformatics for the Department of Geography, Geoinformatics and Meteorology. My duties include assisting students in their module choices, liaising with the other degree coordinators, and providing students with general degree advice.
- I have been the administrator (including content administrator) for the department's website since 2018.
- I am the chair of the Marketing and Communications committee in the department, which includes (among others) liaising with NAS Marketing, attending Open Days / information days / ChooseUP day, organising outreach events at schools, and updating the department's flyers and brochures.

11. COMMUNITY SERVICE OR PROFESSIONAL SKILLS

11.1 Outreach projects

11.1.1. Community outreach projects

In preparation for the 2016 Biennial SCAR Open Science Conference, an international effort was initiated by Dr Jenny Baseman (the then Executive Director of the Scientific Committee on Antarctic Research) to enhance the visibility of women polar researchers. I volunteered to help with this event, which required me to research women scientists that had been nominated by the polar community, to verify this information and to create Wikipedia pages for these women. The whole event lasted approximately six months and ended when the Wikipedia pages were officially launched at the 2016 SCAR OSC. The result of the event is accessible at https://en.wikipedia.org/wiki/Wikipedia:Meetup/SCAR_2016.

11.1.2. Participation in public events

- I was an invited speaker at the PSANA Women in Science Event held on 29 August 2019 at the University of Pretoria.

11.4 Involvement with other universities/scientific institutions

Judge at the Eskom Eastern Cape Expo for Young Scientists, Grahamstown, South Africa, 2013

Session convening / organising

- Session convener at ICOP (Germany), 2016
- Session convener at SCAR2016 (Malaysia), 2016
- APECSSA workshop organiser (Hermanus, South Africa), 2018
- Session convener at SouthCOP (New Zealand), 2019
- Session convener at SCAR2020 (Australia), 2020

Organising committee for conferences

I was on the organising committee for the Southern African Association of Geomorphologists (SAAG) biennial conference held in Chintsa East, South Africa 16-18 September 2019.

Research/academic programme website management

- Website developer, content manager and administrator for the NRF/SANAP funded project 'Landscape Processes in Antarctic Ecosystems' (<https://geomorphologyantarctica.wordpress.com>) (since 2016)
- Website content manager and administrator for Antarctic Permafrost, Soils and Periglacial Environments (ANTPAS) (<http://www.antpas.org>) (since 2016)

- Founding member and National Committee Ex-Officio of the South African National Committee of Association of Polar Early Career Scientists (APECSSA: <http://apecssa.wordpress.com>) (since 2017)
- Website developer, content manager and administrator for the Southern African Association of Geomorphologists (SAAG) (<http://saageomorph.wixsite.com/saag>) (since 2018)

11.5 Referee duties

11.5.1. Reviewer for dissertation/theses

- External examiner for a BScHons project from UFS, 2019.
- External examiner for an MSc thesis from Unisa, 2019.

11.5.2. Reviewer for Academic Journals

- Campos, N., Tanarro, L.M., Palacios, D. & Zamorano, J.J. 2019. Slow dynamics in debris-covered and rock glaciers in Hofsdalur, Tröllaskagi Peninsula (northern Iceland), *Geomorphology*, 342: 61-77. <https://doi.org/10.1016/j.geomorph.2019.06.005>
- Polar Record – manuscript not yet available for publication, still under review.
- Geoderma – manuscript not yet available for publication, still under review.

12. AWARDS AND SCIENTIFIC/SCHOLARLY RECOGNITION

12.2 Research awards and prizes

- Departmental of Geography, Geoinformatics and Meteorology Prize (2009): Prize awarded to the best graduating student within the Department of Geography, Geoinformatics, and Meteorology at the University of Pretoria.
- University of Pretoria (2009): Academic colours.
- Geography Lecturers' Prize (2010): The Geography Lecturers' Prize is awarded for the Best BScHons dissertation for a student within the Department of Geography, Geoinformatics, and Meteorology at the University of Pretoria.
- University of Pretoria (2010): Academic colours.
- SSAG Bronze Medal (2014): The Bronze Medal is awarded by the SSAG (Society of South African Geographers) for the best geography MSc by research dissertation in South Africa within a given year.
- SSAG Centenary Award (2019): The award is given in recognition of emerging academics and assists in building their research portfolios.