

ΧΑΡΙΛΑΟΣ ΤΣΙΚΟΣ

Αναπληρωτής Καθηγητής

Rhodes University

Νοτιος Αφρική

ΒΙΟΓΡΑΦΙΚΟ ΣΗΜΕΙΩΜΑ

ΙΟΥΛΙΟΣ 2020

Grahamstown

Eastern Cape Province

Republic of South Africa

1. Προσωπικά στοιχεία

Όνοματεπώνυμο:	Χαρίλαος Τσίκος
Τόπος γεννησεως:	Αθήνα Αττικής
Ημερομηνία γεννησεως:	21 Μαρτίου 1969
Οικογενειακή κατάσταση:	Εγγαμος με δυο τέκνα
Διεύθυνση:	Grahamstown, South Africa
Τηλεφωνο:	+27(0)725131713, +27(0)466038511
E-mail:	h.tsikos@ru.ac.za, htsikos@gmail.com
URL:	http://www.ru.ac.za/primor/people/harilaostsikos/
Γλωσσες:	Αγγλικά (αρτία), Ολλανδικά (στοιχειωδής)

2. Προπτυχιακές σπουδές

1991: Πτυχίο Γεωλογίας, Εθνικό και Καποδιστριακό Πανεπιστήμιο Αθηνών

3. Μεταπτυχιακές σπουδές

1994: Μεταπτυχιακός τίτλος Μαστέρ στην Οικονομική Γεωλογία, Geology Department, Rhodes University (by coursework and thesis).

1999: Διδακτορική διατριβή, Geology Department, Rhodes University. Τίτλος: *Petrographic and geochemical constraints on the origin and post-depositional history of the Hotazel iron-manganese Formation, Kalahari Manganese Field, South Africa, 292p.* Η εκπόνηση της διδακτορικής μου διατριβής συμπεριελάβε και ατυπη “hands-on” εκπαίδευση και χρήση βασικών τεχνικών ορυκτολογικής και γεωχημικής ανάλυσης στο Rhodes University, ήτοι x-ray diffraction (XRD), x-ray fluorescence (XRF), scanning electron microscopy (SEM/EDS) και electron probe micro-analyses (EPMA)

4. Μεταδιδακτορική ερευνητική δραστηριότητα

04/1999 – 06/2000: Geology Department, University of Johannesburg, South Africa.

Funding: *National Research Foundation of South Africa (NRF)*

Advisor: Prof. N.J. Beukes

09/2000 – 08/2003: Department of Earth Sciences, University of Oxford, UK.

Funding: *European Commission – Research Training Network “CT-NET”*

Advisor: Prof. H.C. Jenkyns

05/2004 – 09/2005: Department of Geology & Petroleum Geology, University of Aberdeen, Scotland, UK.

Funding: *The Leverhulme Trust*

Advisor: Prof. J. Parnell

5. Ακαδημαϊκη εξελιξη

2005-2013: Senior Lecturer in Economic Geology & Geochemistry, Geology Department, Rhodes University

Απο το 2014: Associate Professor in Economic Geology and Geochemistry and Head of Research Unit PRIMOR, Geology Department, Rhodes University

6. Διδακτικο εργο

Προπτυχιακα μαθηματα

Απο το 2005: *Mineral Resources of South Africa*: 12 lectures & 3 practical assignments (Geology 102)

Economic Geology: 35 lectures & 7 practical assignments (Geology 302)

Απο το 2006: *Low-temperature Geochemistry*: 15 lectures & 3 practical assignments (Geology 301)

Hydrothermal & Sedimentary Ore-forming Processes: 24 lectures & 4 practical assignments (Geology Honours)

Μεταπτυχιακα μαθηματα

2016-19: *Metallogenesis in the marine environment*: A week-long course presented as part of the Rhodes University modular MSc program in Exploration & Economic Geology

Απο το 2017: *An introduction to ore-forming processes*: An invited, 3-day guest course presented annually as part of the MSc programme in Earth Resources at Utrecht University, The Netherlands.

Ασκησεις υπαιθρου

2009: Leader, MSc Exploration Geology field-trip to the Northern Cape, North West, Mpumalanga & Limpopo Provinces, South Africa (magmatic, hydrothermal & sedimentary ore deposits)

2012-15: Leader, Geology 3rd-year field-trip to the Northern Cape Province, South Africa (Proterozoic stratigraphy & ore deposits)

2016: Leader, Geology Honours field-school to the Northern Cape Province, South Africa (field mapping & ore geology)

2006-10: Co-leader, Geology Honours field-school to the Northern Cape Province, South Africa (field mapping & ore geology)

2008: Co-Leader, MSc Exploration Geology field-trip to Namibia (regional geology & mineralisation)

2016: Co-leader, MSc Exploration Geology field-trip to the Northern Cape Province, South Africa (hydrothermal and sedimentary mineralisation)

Απο το 2018: Co-leader, Geology 3rd-year field-trip (stratigraphy, sedimentology, structural geology and economic geology – Karoo & Cape Supergroups)

7. Τιμητικές διακρίσεις

2015: Rhodes University Internationalisation award

8. Διοικητικό έργο – συμμετοχή σε επιτροπές

2008-10: Science Faculty Research sub-committee, Rhodes University

2013: Promotion Reviews Committee, Rhodes University (2013)

2013: Member, Internationalisation Committee, Rhodes University (2013)

Απο το 2008: Selection Committee Service, Rhodes University

Απο το 2011: Geology Department Library Liaison Officer, Rhodes University

9. Επιβλεψη μεταπτυχιακών εργασιών και διατριβών

MSc by thesis (awarded) – supervised

2013: **Mr B. Fairey** (Rhodes University). Project sponsored by the company *KUMBA IRON ORE*. Thesis title: *Genesis of karst-hosted manganese ores of the Postmasburg Manganese Field, South Africa, with emphasis on evidence for hydrothermal processes*

Mr J.S. Land (Rhodes University). Project sponsored by the company *KUMBA IRON ORE*. Thesis title: *Genesis of BIF-hosted hematite iron ore deposits in the western part of the Maremane Anticline, Northern Cape Province, South Africa*

2015: **Mr S. Rafuza** (Rhodes University). Project sponsored jointly by Rhodes University (*Henderson Scholarships*) and the Geological Society of South Africa (*GSSA*). Thesis title: *Carbonate petrography and geochemistry of BIF of the Transvaal Supergroup: evaluating the potential of iron carbonates as proxies for Palaeoproterozoic ocean chemistry*

2017: **Mr D.P. Cousins** (Rhodes University): Project sponsored by the company *ASSMANG Ltd*. Thesis title: *A stratigraphic, petrographic and geochemical study of the Gamagara Formation at the Maremane Dome, Northern Cape Province, South Africa*

2018: **Mr J.R. Bursey** (Rhodes University). Project sponsored by the *Centre for Integrated Mineral and Energy Resource Analysis (CIMERA)*, jointly hosted by the University of Johannesburg and the University of the Witwatersrand. Thesis title: *A mineralogical, geochemical and metallogenic study of unusual*

Mn/Na/Ba assemblages at the footwall of conglomeratic iron-ore at farm Langverwacht, Northern Cape Province of South Africa.

2020: **Ms M.M. Thokoa** (Rhodes University). Project sponsored by the company ASSMANG Ltd. Thesis title: *A comparative mineralogical and geochemical study of manganese deposits in the Postmasburg Manganese Field, South Africa*

MSc by thesis (submitted) – supervised

2020: **Mr D. Motilaodi** (Rhodes University). Project sponsored by Rhodes University (*Levenstein Scholarships*). Thesis title: *Regional mineral-chemical variation in high-grade ores of the Kalahari Manganese Field, and implications for ore genesis and geometallurgy*

MSc by thesis (awarded) – co-supervised

2011: **Ms L. Sciscio** (Rhodes University). Project sponsored by the African Origins Platform Program of the National Research Foundation (NRF) of South Africa; co-supervised with Dr D. Roberts (Council for Geoscience, deceased). Thesis title: *Neogene fluvial deposits along the south-west coast of South Africa: understanding the palaeoclimate through proxies*

2014: **Ms S.E. Foulkes** (Rhodes University). Project sponsored by MINTEK; co-supervised with Prof. J.M. Moore (Rhodes University, deceased). Thesis title: *New Geochemical Constraints on the Genesis of the Gamsberg Zinc Deposit, Namaqualand Metamorphic Province, South Africa*

2016: **Ms L. Fryer** (Rhodes University): Project sponsored jointly by the National Research Foundation (NRF) of South Africa and the company ASSMANG Ltd; co-supervised with Prof F. Viljoen (University of Johannesburg). Thesis title: *Controls on the distribution of manganese in Banded Iron-Formations (BIF) of the Palaeoproterozoic Transvaal Supergroup, South Africa*

2017: **Mr V. Papadopoulos** (Rhodes University): Project sponsored by the company KUMBA IRON ORE; co-supervised with Dr B. Smith (University of Johannesburg). Thesis title: *Mineralogical and geochemical constraints on the origin, alteration history and metallogenic significance of the Manganore iron-formation, Northern Cape Province, South Africa.*

Mr W. Moloto (Rhodes University): Project sponsored by the company ASSMANG Ltd; co-supervised with Prof. G. Watkins (Rhodes University). Thesis title: *A bulk and fraction-specific geochemical study of the origin of diverse high-grade hematitic iron ores from the Transvaal Supergroup, Northern Cape Province, South Africa*

2020: **Mr M. Ntantiso** (Rhodes University): Project sponsored by the Centre for Integrated Mineral and Energy Resource Analysis (CIMERA), jointly hosted by the University of Johannesburg and the University of the Witwatersrand; co-supervised with Dr P. Horvath (University of the Witwatersrand). Thesis title: *Mineralogy, geochemistry and origin of the Xaudum iron formation in NW Botswana.*

MSc by coursework and thesis (awarded) – supervised

- 2014: **Mr M. Terracin** (Rhodes University). Project self-funded. Thesis title: *Petrography, geochemistry and origin of atypical sedimentary-igneous contact relationships at the base of the Hotazel Formation around Middelplaats, Northern Cape Province, RSA*
- 2017: **Mr E.T. Harawa** (Rhodes University): Project self-funded. Thesis title: *Mineralogy and geochemistry of structurally-controlled metasomatic alteration of carbonate-rich manganese ore at Mamatwan Mine, Kalahari Manganese Field*
- 2018: **Mr L.P. Molina** (Rhodes University). Project self-funded. Thesis title: *Primary controls on iron and manganese distribution in sphalerite of the Gams Formation, Gamsberg zinc deposit, Namaqualand, South Africa*

MSc by coursework and thesis (awarded) – co-supervised

- 2016: **Ms M. Lantink** (Utrecht University). Project self-funded; co-supervised with Prof P.R.D. Mason (Utrecht University). Project title: *Iron isotopes of a ca. 2.4 Ga hematite-rich Iron Formation confirm oxygenation of the Transvaal basin in relation to the GOE*
- Mr A. van der Waal** (Utrecht University). Project self-funded; co-supervised with Prof P.R.D. Mason (Utrecht University). Thesis title: *The origin of stilpnomelane lutite layers in Banded Iron Formations from the western Transvaal Basin, South Africa*
- 2018: **Mr W. Roesink** (Utrecht University). Project self-funded; co-supervised with Prof. P.R.D. Mason (Utrecht University). Thesis title: *Placing further geochemical constraints on the genesis of the Gamsberg Zinc Deposit, Namaqualand Metamorphic Province, South Africa, using sulfur isotope data*
- 2019: **Mr O. Nkabelane** (Rhodes University). Project sponsored by the company RIO TINTO; co-supervised with Prof. R. Harmer (Rhodes University). Thesis title: *Petrography and geochemistry of the Masoke iron formation and its associated ferruginous counterparts, Kanye Basin, Botswana*
- Mr S. Jacobs** (Utrecht University). project self-funded; co-supervised with Prof P.R.D. Mason (Utrecht University). Thesis title: *The reconstruction of the 2.4 Ga Hotazel BIF paleodepositional environment and mechanisms of iron and manganese cycling in a stratified basin*

PhD by thesis (awarded)

- 2016: **Mrs E. Kampouroglou** (Εθνικό και Καποδιστριακό Πανεπιστήμιο Αθηνών): Project self-funded; co-supervised with Prof. M. Economou-Eliopoulos and Prof. M. Stamatakis (ΕΚΠΑ). Thesis title: *Διερεύνηση της εκτασης, εντασης και πηγων ρυπανσης συνδεομενης με τους τραβερτινωδεις ασβεστολιθους στις Νεογενεις λεκανες της Αττικής.*
- 2017: **Mr P.B.H. Oonk** (Rhodes University): Project sponsored by the company ASSMANG Ltd; co-supervised with Prof P.R.D. Mason (Utrecht University).

Thesis title: Fraction-specific geochemistry across the Asbestos Hills BIF of the Transvaal Supergroup, South Africa: Implications for the origin of BIF and the history of atmospheric oxygen. (Copy of the full thesis at the link below: http://vital.seals.ac.za:8080/vital/access/manager/Repository/vital:26021?site_name=GlobalView&view=null&f0=sm_creator%3A%22Oonk%2C+Paul+Bernardus+Hendrikus%22&sort=ss_dateNormalized+desc%2Csort_ss_title+asc)

Mrs L. Blignaut (University of Johannesburg): Project sponsored by the company ASSMANG Ltd; co-supervised with Prof. F. Viljoen (University of Johannesburg). Thesis title: A petrographic and geochemical analysis of the upper and lower manganese ore bodies from the Kalahari Manganese Deposit, Northern Cape, South Africa – controls on hydrothermal metasomatism and metal upgrading. (Copy of the full thesis at the link below: https://uicontent.uj.ac.za/vital/access/manager/Repository/ui:23893?site_name=Research+Output&exact=sm_creator%3A%22Blignaut%2C+Lauren+Cher%22)

2020: **Mr X.R. Mhlanga** (Rhodes University). Project jointly sponsored by the company ASSMANG Ltd and the NASA Astrobiology Institute (NAI); co-supervised with Prof. T.W. Lyons (University of California at Riverside). Thesis title: A reappraisal of the origin of the Hotazel iron-manganese Formation in an evolving early Earth system, through the application of mineral-specific geochemistry, speciation techniques and stable isotope systematics. (Copy of the full thesis at the link below: http://vital.seals.ac.za:8080/vital/access/manager/Repository/vital:38497?site_name=GlobalView&view=null&f0=sm_creator%3A%22Mhlanga%2C+Xolane+Reginald%22&sort=ss_dateNormalized+desc%2Csort_ss_title+asc)

Ongoing MSc projects

- **Mr T. Rambuda** (Rhodes University): Project self-funded. Project title: A parallel mineralogical and geochemical study of the upper and lower ore-layers of the Hotazel iron-manganese at Wessels mine, Kalahari Manganese Field, South Africa.
- **Mr S. Dorbor Jr** (Rhodes University): Project sponsored by the company ASSMANG Ltd. Project title: Controls of lateral and vertical geochemical variation in the Hotazel iron-manganese Formation at N'chwaning and Gloria mines, Kalahari Manganese Field, South Africa.
- **Ms A. Opperman** (Rhodes University). Project self-funded. Project title: Distribution controls and origin of localised hydrothermal assemblages in the northernmost Kalahari Manganese Field, South Africa.
- **Mr J. Labuschagne** (Rhodes University). Project sponsored by the company ASSMANG Ltd; co-supervised with Prof. P.R.D. Mason (UU). Project title: Origin and paleoenvironmental significance of manganiferous black shales in Transvaal-aged strata near Lobatse, SE Botswana.
- **Mr N. Masoabi** (Rhodes University). Project sponsored by the Centre for Integrated Mineral and Energy Resource Analysis (CIMERA), jointly hosted by the University of Johannesburg and the University of the Witwatersrand. Project title: Chemostratigraphic constraints on sediment thickness variation and proto-basin evolution, Kalahari Manganese Field, South Africa

Ongoing PhD projects

- **Mr V. Papadopoulos** (Glasgow University): Project co-sponsored by Glasgow University and the company ASSMANG Ltd; co-supervised with Prof. D.F. Mark and Prof. A.J. Boyce (SUERC, UK). Project title: *Constraining the timing and source/s of alkali metasomatism and its possible metallogenic role in the Kalahari and Postmasburg iron-manganese fields, Northern Cape Province, South Africa*
- **Mr E.T. Harawa** (Rhodes University): sponsored by the company ASSMANG Ltd. Project title: *Mineralogy, geochemistry and economic viability of battery-grade supergene manganese deposits in southern Africa.*

Post-doctoral Research Fellows

- 2018-20: **Ms M. Siah** (PhD, Ludwig Maximilian University of Munich). Sponsored by the company ASSMANG Ltd; Fields of interest: *Carbonate sedimentology, geobiology, ancient redox evolution.*
- 2019-20: **Mr K. Chukwuma** (PhD, University of Cape Town): Sponsored by the company ASSMANG Ltd. Fields of interest: *Siliciclastic & organic sedimentology, fossil fuel generation & evolution.*
- 2020-22: **Mr X.R. Mhlanga** (PhD, Rhodes University): sponsored by the *Centre for Integrated Mineral and Energy Resource Analysis (CIMERA)* jointly hosted by the University of Johannesburg and the University of the Witwatersrand. Fields of interest: *Speciation geochemistry, sedimentary iron & manganese deposits, ancient redox evolution.*

Research projects due to commence in 2021

- **Ms E. Ikwen** (MSc, Rhodes University); Project sponsored by the company ASSMANG Ltd; co-supervised with Dr X.R. Mhlanga (Rhodes University). Project title: *Assessing the role of dolerite dykes in the context of hydrothermal enrichment processes in the northern Kalahari Manganese Field*
- **Mr A.Y. Nke** (PhD, University of Cape Town). Project sponsored by the *Centre for Integrated Mineral and Energy Resource Analysis (CIMERA)*, jointly hosted by the University of Johannesburg and the University of the Witwatersrand; co-supervised with Dr R. Tostevin (University of Cape Town). Project title: *Rare-Earth Element systematics in chemical sediments of the Transvaal Supergroup as proxies for redox evolution in deep time*
- **Mr G. Schmoldt** (PhD, Rhodes University). Project sponsored by the company ASSMANG Ltd; co-supervised with Dr X.R. Mhlanga (Rhodes University). Project title: *Controls on local and regional geochemical variability in massive hematite iron ores of the Maremane Anticline and environs, Northern Cape Province, South Africa*
- **Mr N. Moeba** (PhD, Rhodes University); Project sponsored jointly by the company ASSMANG Ltd and the *Council for Geoscience*; co-supervised with Dr XR Mhlanga (Rhodes University). Project title: *A re-appraisal of hydrothermal metasomatism in the northernmost Kalahari Manganese Field: mineralogical and geochemical constraints on structural controls and fluid-flow pathways*

10. Επισκεψεις ερευνητικής εκπαίδευσης και δραστηριότητας – sabbaticals

- 06-07/1997: Hands-on training in light stable isotope geochemistry (sample preparation, chemical reaction, gas extraction and instrumental analysis using gas-source mass spectrometry); Stable isotope laboratory, University of Cape Town, South Africa (Host: Prof. C. Harris)
- 05-07/2005: Hands-on training in microbiological experiments on mutagenicity (sample treatment, microbial culture preparation and data reduction): Laboratory of Microbiology, Planetary & Space Sciences Research Institute (PSSRI), The Open University, Milton Keynes, UK (Host: Prof. C.S. Cockell)
- 09/2003-02/2004, 01-03/2009: Hands-on training on biomarker geochemistry (sample treatment, column separation, instrumental analysis using GC-MS and irm-GC-MS instrumentation, and data reduction): Department of Marine Biogeochemistry & Toxicology, Royal Netherlands Institute for Sea Research (NIOZ), the Netherlands (Host: Prof. J.S.S. Damsté)
- 12/2010-06/2011: Hands-on training on silicon isotope geochemistry (sample treatment, protocol optimisation, column separation, instrumental analysis using multi-collector ICP-MS instrumentation, and data reduction): Department of Petrology, Faculty of Earth & Life Sciences, Vrije Universiteit, Amsterdam, The Netherlands (Host: Prof. P.Z. Vroon)
- 08-12/2014: Department of Geology & Geo-environment, National & Kapodistrian University of Athens, Greece (Hosts: Prof. V. Karakitsios, Prof. M.Stamatakis)
- 11-12/2015: Department of Earth Sciences, University of California at Riverside, USA (Host: Dist. Prof. T.W. Lyons)
- 01-03/2019: Hands-on training on trace element and iron isotope geochemistry (sample treatment, column separation, instrumental analysis using quadrupole and multi-collector ICP-MS instrumentation, and data reduction): Laboratory of Geochemistry, Ecole Normale Supérieure (ENS) de Lyon, France (Hosts: Prof. J. Blichert-Toft, Prof. F. Albarede)

11. Χρηματοδότηση επιστημονικής δραστηριότητας

- Student Research Grant (\$700), Society of Economic Geologists Foundation, 1998
- Intra-European Fellowship (IEF) – Marie-Curie Actions – European Commission (Call: FP6-2004-Mobility-5, 02/2005) (award declined to take up presently-held academic position at Rhodes University)
- National Research Foundation (NRF), South Africa – Focus Area Programme 2008-2011 (R280 000, inclusive of one MSc bursary)
- NRF Incentive funding for Rated Researchers (R40 000 p.a.), 2009-2018
- Industry grant (R320 000, towards one PhD and one MSc bursary) by ASSMANG Ltd, 2011-16
- Industry grant (R280 000, towards two MSc bursaries) by KUMBA IRON ORE, 2011-13
- NWO visitor's grant (€9 900) for a 7-month sabbatical visit at the Vrije University, Amsterdam, the Netherlands (1 December 2010 – 30 June 2011)

- Industry grant (R8,800 000) by the company *ASSMANG Ltd* towards establishing research unit PRIMOR: a formal research unit with focus on the commodities of iron and manganese and their resources (2014-present)
- Industry grant (R510 000) for an MSc study under the tripartite *Northern Cape Research Group* (KUMBA IRON ORE, Rhodes University and University of Johannesburg), 2014-16
- Funding linked to the NRF/DST Centre of Excellence in Integrated Mineral and Energy Resource Analysis (CIMERA): R1,300 000, inclusive of 3 MSc and 1 PDRF bursaries, 2015-21
- ENS visitor's grant (€7 900) for collaborative research at ENS, University of Lyon, France 11 January-15 March 2019

12. Επίσημες διαλέξεις σε πανεπιστημιακά ιδρύματα

- University of Durham, UK (2009)
- University of Mainz, GERMANY (2009)
- Vrije University Amsterdam, THE NETHERLANDS (2011)
- National & Kapodistrian University of Athens, GREECE (2011, 2014)
- Scottish Universities Environmental Research Centre (SUERC), UK (2011, 2019)
- University of Tokyo, JAPAN (2017)
- University of Tasmania, AUSTRALIA (2017)
- Utrecht University, THE NETHERLANDS (2017, 2018)
- Ecole Normale Supérieure (ENS) de Lyon, FRANCE (2019)

13. Συντακτική δραστηριότητα για επιστημονικά περιοδικά

- Editorial Board Member, GEOLOGICAL JOURNAL, 2009-14
- Invited Guest Editor, MINERALS, Special Issue on: *Sedimentary Ore Deposits: Origin, Exploitation, Palaeoenvironmental Significance*, 2018-19
- Invited Guest Editor, FRONTIERS IN EARTH SCIENCES, Special issue on: *Iron and Manganese Ore Deposits and Earth Evolution*, 2021-2022

14. Μέλος σε επιστημονικούς συλλογούς

- European Association of Geochemistry (βεβαίωση συννημενη)
- Geochemical Society (βεβαίωση συννημενη)
- Society of Economic Geologists

15. Κρίσεις για οργανισμούς χρηματοδότησης και αξιολόγησης έρευνας

- National Research Foundation (NRF), South Africa (2008, 2011, 2012, 2017, 2020)
- Greek Ministry of Education, Learning and Religious Affairs, Heraclitus II (2010)
- Royal Society of New Zealand, Marsden Fund (2012)
- National Science Centre of Poland (2019)
- European Research Council, Synergy Grants (2019)

16. Κρίσεις για επιστημονικά περιοδικά

- AMERICAN MINERALOGIST
- APPLIED GEOCHEMISTRY
- ARCHAEOLOGY
- CHEMICAL GEOLOGY (recognised; συνημμενο)
- CRETACEOUS RESEARCH
- EARTH & PLANETARY SCIENCE LETTERS
- ECONOMIC GEOLOGY
- GEOCHEMISTRY – CHEMIE DER ERDE (recognised; συνημμενο)
- GEOCHEMISTRY-GEOPHYSICS-GEOSYSTEMS
- GEOCHIMICA ET COSMOCHIMICA ACTA (recognised; συνημμενο)
- GEOFLUIDS
- GEOLOGICAL JOURNAL
- GEOLOGICAL MAGAZINE
- GEOLOGY
- GONDWANA RESEARCH
- JOURNAL OF THE GEOLOGICAL SOCIETY
- JOURNAL OF PETROLEUM GEOLOGY
- MINERALIUM DEPOSITA
- NATURE
- NATURE COMMUNICATIONS
- NEWSLETTERS ON STRATIGRAPHY
- ORE GEOLOGY REVIEWS
- PALEO GEOGRAPHY-PALEOCLIMATOLOGY-PALEOECOLOGY
- PRECAMBRIAN RESEARCH (recognised; συνημμενο)
- SCIENCE
- SOUTH AFRICAN JOURNAL OF GEOLOGY
- TERRA NOVA

17. Κρίσεις μεταπτυχιακών εργασιών και διατριβών

- University of Pretoria, South Africa (2009, PhD)
- University of Johannesburg, South Africa (2011, 2015, MSc)
- University of Western Australia (2013, PhD)
- National & Kapodistrian University of Athens, Greece (2015, PhD)
- Nelson Mandela University, South Africa (2017, MSc)
- Aristotle University of Thessaloniki, Greece (2017, PhD)
- University of Stellenbosch, South Africa (2019, PhD)

18. Διαχυση επιστημονικού έργου

- Συμβολή – μετα απο προσκλήση – σε αρθρο για τη κλιματικη αλλαγη, στο φυλλο της 30/11/2015 του *Εθνικου Κηρυκα* (συνημμενο)

19. Ενεργείς ερευνητικές συνεργασίες

- Prof. T.W. Lyons: NASA Astrobiology Institute, University of California at Riverside, USA (<https://astrobiology.nasa.gov/nai/directory/tsikos-harilaos/>)
- Prof. D.F. Mark & Prof. A.J Boyce: Scottish Universities Environmental Research Centre (SUERC), UK
- Prof P.R.D. Mason: Faculty of Geosciences, Utrecht University, THE NETHERLANDS
- Prof J. Blichert-Toft & Prof. F. Albarede: Ecole Normale Supérieure (ENS) de Lyon, FRANCE
- Prof B. Rasmussen: Department of Geology, University of Western Australia, AUSTRALIA
- Prof. J.A. Higgins: Department of Geosciences, Princeton University, USA
- Prof D.R. Gröcke & Prof. D. Selby: Department of Earth Sciences, University of Durham, UK
- Prof. R. Schoenberg: Department of Geosciences, University of Tübingen, GERMANY

20. Συνεργείες με μεταλλευτικές και συμβουλευτικές εταιρίες

- ASSMANG Ltd
- KUMBA IRON ORE
- SOUTH 32
- GIYANI METALS (<https://www.bloomberg.com/press-releases/2018-07-19/giyani-enters-into-research-collaboration-with-rhodes-university>)
- VEDANTA
- TSODILO RESOURCES
- OREX EXPLORATION

21. Referees

Dr P.R.D. Mason Professor – Director of Teaching Faculty of Geosciences Utrecht University Budapestlaan 4 3584CD Utrecht THE NETHERLANDS <u>Voice:</u> +31 30 253 5120 <u>E-mail:</u> p.mason@uu.nl	Dr J. Blichert-Toft Professor – Director of Research Laboratory of Geology CNRS UMR 5276 Ecole Normale Supérieure de Lyon 46 Allée d'Italie 69364 Lyon Cedex 7 FRANCE <u>Voice:</u> +33 (0)4 72 72 84 88 <u>E-mail:</u> jblicher@ens-lyon.fr	Dr T.W. Lyons Distinguished Professor Department of Earth Sciences University of California – Riverside 900 University Avenue Riverside CA 92521 USA <u>Voice:</u> +1 (951) 827 3106 <u>E-mail:</u> timothy.lyons@ucr.edu
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22. Παρουσιάσεις σε συνέδρια

1. Heard AW, Bekker A, Dauphas N, **Tsikos H** & Ireland T (2020) Oxidation pathway for iron-rich stromatolites deposited in the lead up to the GOE. Abstract, *Goldschmidt 2020*, Hawaii, USA.
2. **Tsikos H** (2019) Constraints of geochemical mass balance on the genesis of iron and manganese deposits in the Northern Cape. Abstract, *GSSA Colloquium on the Deposits of the Northern Cape*, Kuruman, SOUTH AFRICA.

3. Papadopoulos V, Boyce AJ, Mark DF & **Tsikos H** (2019) Investigation of large-scale brine circulation as mechanism of ore formation in the Kalahari and Postmasburg Fe-Mn fields, South Africa. Abstract, *15th Biennial SGA Meeting*, Glasgow, UK.
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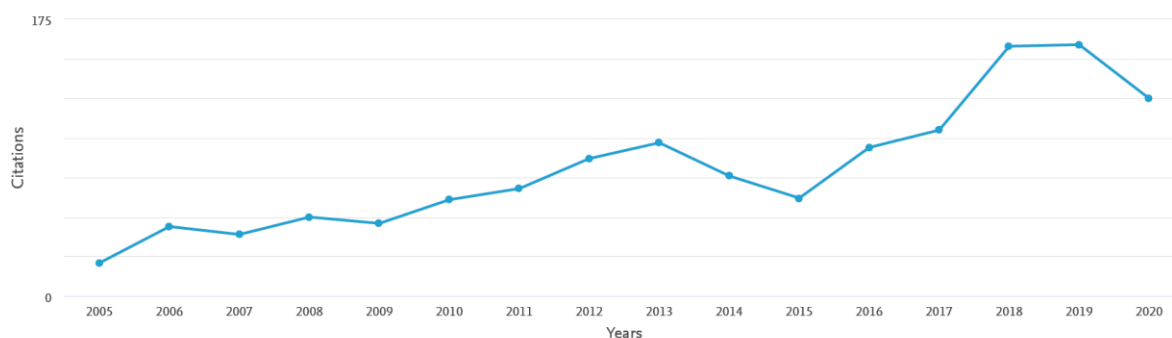
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