

Curriculum Vitae: David Perkins

Nationality	South African
Education	<p>M.Soc. Sc Development Studies (1988) University of Natal, South Africa</p> <p>B.Soc.Sc (Hons) Economics (1984) University of Natal, South Africa</p> <p>B.Soc.Sc Economics, Marketing, Psychology (1983) University of Natal, South Africa</p>
Languages	English (fluent)
Membership of professional bodies	<ul style="list-style-type: none"> • Economic Society of South Africa • Served as a member of the founding Board of Directors of Investment South Africa • Served as the representative of the Provincial (Northern Cape) Minister for Local Government on the RSA Development and Planning Commission • Served on the Northern Cape (provincial) Development Tribunal • Served as Chairperson of the Northern Cape Economic Development Unit

Employment record

2016, and present	2018- Development Economist Mining Dialogues 360
2020-2021	Agricultural Value Chain Specialist IUCN/One World Sustainable Investments
2020	Economist IISD/Department of Environment, Forestry & Fisheries (One world Sustainable Investments)
2019-2020	Economic Analyst World Wide Fund for Nature (WWF)
2018	Social Development and Development Economics Expert Zambia Ministry of National Development Planning/ OneWorld Sustainable Investments
2017-2018	Senior Economist & Transaction Advisor Northern Cape Department of Agriculture (South Africa)
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2016-2017	Expert: Local Economic Development/Value Chain & Cluster Development United Nations Industrial Development Organisation (UNIDO)
2016	Economist/ Advisor Bucklands Communal Property Association (CPA)
2015	Economic Researcher & Analyst

	German Federal Institute for Geosciences & Natural Resources (BGR) / SNL Metals & Mining
2014-2015	Project Director/Coordinator and Team Leader Harmony Gold (Pty) Ltd
2013-2014	Principal Advisor National Development Corporation / Development Bank of Southern Africa
2012-2013	Economist Lonmin plc/ Mining Dialogues 360
2009-2011	Policy Researcher / Analyst Hewlett Foundation / University of Cape Town
2010-2011	Senior Programme Advisor Department for International Development (DFID)
2009-2010	Spatial Development Specialist African Development Bank / NEPAD Secretariat
2005-2009	Programme Coordinator Regional SDI Programme, Development Bank of Southern Africa / Dept of Trade & Industry
2000-2004	Project Manager: Gariep Spatial Development Initiative Department of Trade & Industry
1996-2000	Head of Department Department of Economic Affairs & Tourism
1994-1996	Advisor to Northern Cape Provincial Minister for Economic Affairs and Tourism Northern Cape Provincial Government
1992-1993	Manager, Development Research Agricor, Mafikeng, South Africa
1988-1992	Senior Agricultural Economist Agricor, Mafikeng, South Africa
1985-1988	Research Fellow University of Natal, Development Studies Unit

Relevant professional experience (Selected)

May 2021- April 2022 Gendered analysis of employment and skills in the large-scale mining sector: Baseline study South Africa

Intergovernmental Forum on Mining, Minerals and Sustainable Development (IGF)

Project Manager and researcher

This project was part of an 11-country study commissioned by the IGF to establish an international baseline analysis of the gendered profile of the large scale mining workforce in South Africa. The study gathered and analysed data on occupational structures/roles as well as levels of education, skills, earnings and other key aspects of workers in large-scale mining. It also entailed undertaking a review of gender related policy and legislation and preparing a profile of large-scale mining in South Africa. The study highlighted gaps in available data and made recommendations regarding how to address those gaps, improved the regulatory and

institutional frameworks for promoting the advancement of women in the large-scale mining sector. David was responsible for project management, research and co-authoring the country baseline report.

April current	2020-	<p>Supporting the development of a GCF proposal for enhancing adaptive capacity and climate resilience of vulnerable smallholder farming communities and agro-pastoral systems in Semi-Arid areas of Tanzania</p> <p>OneWorld for IUCN and Enabel (on behalf of the Ministry of Finance, Government of Tanzania)</p> <p><i>Agricultural Value Chain Specialist</i></p> <p>Development of a Green Climate Fund Proposal for Enhancing Adaptive Capacity and Climate Resilience of Vulnerable Smallholder Farming Communities and Agro-pastoral Systems in Semi-Arid Areas of Tanzania. Provided support to the overall delivery of the project, including: advising and supporting the process of revising the concept note; supporting the literature, document and desktop review; coordinating in-country local partners in Tanzania for the feasibility assessments as well as stakeholder validation and verification workshops; and leading the agriculture value chain assessment and providing inputs into the economic and financial appraisal and coordinating the development of the consolidated feasibility studies. Conducted value chain assessments for sunflower, sorghum, common beans and livestock for the mainland regions of Singida and Manyara, as well as for seaweed, rice and livestock for the region of Pemba Kaskazini on Zanzibar. Also identified, scoped and budgeted a range of interventions designed to improved value chain performance as a means to strengthening livelihood systems, household incomes and climate change resilience.</p>
Feb 2020-	April 2020	<p>Situation Analysis Report on Climate Change and its Impact on Mining in South Africa OneWorld for DEFF and IISD</p> <p><i>Mineral Economist</i></p> <p>The wider project included: developing a framework for a climate change risk and vulnerability (R&V) assessment for the mining sector in South Africa; a review of policy and legislation; value- chain analysis mapping the mining sector's key commodities, geographies, activities and processes; an analysis of the political economy of mining; and extensive stakeholder consultations and the actual to develop a situation analysis report on the impact of climate change on mining in South Africa. All of this informed will the development of a RVA in consultation with key stakeholders in the mining sector in South Africa.</p> <p>Dave undertook value chain analysis/mapping of the mining sector and participated in the political economy analysis and stakeholder workshops.</p>
Nov 2020	2019- May	<p>Mine closure and rehabilitation in South Africa: activating coalitions of the willing for a just future</p> <p>World Wide Fund for Nature (WWF)</p> <p><i>Economic Analyst</i></p> <p>WWF South Arica and Mining Dialogues 360 co-convened two colloquiums to bring stakeholders together to share their knowledge and experience and provide insights into why successful mine closure and rehabilitation remains a seemingly intractable challenge in South Africa despite the existence of legislation that should ensure that outcome. Systemic challenges, chief among which is a disjuncture between policy and legislation and their application, typically thwarts orderly mine closure and rehabilitation and the repurposing of land and infrastructure for alternative livelihood development. This exacerbates the predicament of ex-mineworkers and mine-host communities which are often left stranded without alternative forms of employment or livelihoods when mining operations cease. The colloquiums concluded that this is in part a consequence of a failure by mining companies to plan for a post-mining future, or only doing so when it is too late to have a meaningful impact.</p> <p>Activities: produced and synthesised two colloquium reports and was lead author of a WWF-SA briefing paper Mine closure and rehabilitation in South Africa: activating coalitions of the willing for a just future</p>

July 2019-2020	Feb	Tsantsabane Community Consultation Kumba Iron Ore, South Africa
Economist		
In mid-2019, Kumba Iron Ore commissioned a non-profit organisation, Mining Dialogues 360 to undertake community consultations in the Tsantsabane local municipality, where the Kolomela mine is situated. The project entailed extensive multi-stakeholder consultations and a community mapping process designed to surface issues that currently constrain efforts to promote non-mining economic development. Fostering improved community organisation, employing multi-stakeholder dialogue as a means to effective collaboration and addressing a number of structural social, economic, political and institutional challenges were recommended as a means to re-aligning stakeholder energies towards the revitalisation of Tsantsabane and positioning the area for a sustainable post-mining local economy.		
Responsibilities: undertook extensive consultation with local stakeholders around the state of integrated development planning and local economic development. I also engaged with key economic actors to identify opportunities for economic development in the area and the constraints that would have to be overcome to realise them. Lead author of project report to Kumba integrating the inputs provided by those responsible for community consultation.		
July 2020	Sept	South African Platinum Group Metals Industry Roadmap DMT-Kai Batla (for Mintek & DSI)
Economist		
South Africa needs to discover and develop new applications for PGMs to reinvigorate the industry. Government has embarked upon an industry road-mapping exercise to identify and prioritise, new capability-based opportunities, market driven opportunities and localisation-led opportunities for PGMs. Phase 1 of the South African Platinum Group Metals Industry Roadmap (SAPGMIR) is a situation analysis around topics such as: industry and markets outlook; public policy, research and development; value chains and linkages; and the social, labour and community issues.		
Responsibilities: responsible in Phase 1 for conducting a situation analysis as it pertains to public policy, legislation and trade agreements to determine what public policy impacts on PGMS, how, and what public reform may be necessary to support market/industry development.		
Jan- July 2018		Zambia Ministry of National Development Planning/ OneWorld Sustainable Investments Climate change Risk & Vulnerability Assessment in Luapula, Muchinga, Northern & Western Provinces, Zambia, under the Pilot Program for Climate Resilience
Social Development and Development Economics Expert		
The project involved Socioeconomic assessment, surface and groundwater resource assessment and climate risk and vulnerability assessment in order to identify responsive and feasible investments in climate resilience, enhanced water resource management and improved disaster risk reduction; identification of priority actions and investment projects, EWS and disaster risk reduction approaches.		
Key activities included:		
<ul style="list-style-type: none"> • Review socio-economic and environmental assessment of the target provinces • Review and assess relevant climate change policy • Participate and facilitate field workshops for all four provinces • Contribute to development of identified climate investment solutions for resilience building, with emphasis on economic feasibility. • Develop and present the Economic Development Planning Module as part of a Training of Trainers workshop in Lusaka. 		
2017- Present		Orange River Integrated Irrigation Agricultural Development Programme

Northern Cape Department of Agriculture

Senior Economist and transaction advisor

The project aimed to provide the Department with a framework for a programmatic approach to the development of underutilized agricultural and agro-industrial potential along the lower-Orange River; and an external programme management capacity to drive agricultural resource-based economic development through coordinated and integrated programme planning (taking into account mitigation of climate change impacts) investor mobilization and community facilitation. Worked with public sector departments, Development Finance Institutions, project developers and communities to formulate restructuring and redevelopment plans, identify value-chain and cluster development opportunities in the range of agricultural commodities produced in the region, support efforts to raise development capital and provide ongoing transaction advisory services for selected projects.

Jan 2017- Apr 2017

Ergo Strategy Group for Rio Tinto

Jadar Project Pre-Feasibility Economic Impact Assessment (Loznica, Serbia)

Economist/ Consultant

This project entailed being part of a three-person team working on pre-development economic impact study for a possible new lithium mine and mineral processing project in the Republic of Serbia. Potentially Serbia's biggest ever greenfield foreign investment the project promised significant economic impact in a region decimated by the collapse of large-scale state-owned enterprises.

Responsibilities: undertook economic impact analysis, including an input-output analysis designed to model growth, income and employment multipliers arising from the proposed mine development and co-authored the study report.

March-2016

August

Bucklands Communal Property Association (CPA), South Africa

Economist/ Advisor

The Bucklands Community succeeded in its claim for restitution of land in 2003, with 380 claimant households securing the restitution of 9 of 21 farms that made up the claim. The 9 farms amount to 1600 ha. A new representative CPA has recruited a commercial partner to be able to develop the first 400 ha of the land in question. The project focused on brokering a joint-venture type partnership between the CPA and a commercial farmer on 400 ha of the land held by the community. Activities: Supported CPA with transaction advisory support in negotiating a joint-venture agricultural and rural development partnership with a commercial farmer. Activities included research and design of joint venture business partnership arrangements and wider institutional framework for the Bucklands agricultural development; extensive stakeholder engagement - Liaison with multiple public sector, private sector and parastatal stakeholders; Community facilitation and liaison; Institutional strengthening and advisory support to the Bucklands CPA; Identification of project level agricultural economic growth prospects.

2016-2017

United Nations Industrial Development Organisation (UNIDO)

Local Economic Development: Value Chain & Cluster Development in iLembe, South Africa

Expert: Local Economic Development/ Value Chain & Cluster Development

The State Secretariat for Economic Affairs (SECO) of the Swiss Confederation developed a Programmatic Approach for Local Economic Development in the iLembe District of South Africa in conjunction, with UNIDO as its international implementation partner. The project focused on identifying value-chain and cluster development opportunities in the sugar, wood and horticulture (fresh fruit & vegetables, macadamia nuts and flowers) sectors. Inputs provided on this project included: market assessments; appraisal of capacity building and institutional support requirements; and value-chain analysis in the aforementioned sectors. Co-authored value-chain analyses and final project report.

Oct-Dec 2015

German Federal Institute for Geosciences & Natural Resources (BGR) / SNL Metals & Mining Enterprise around mining (Cape Town, Johannesburg, Maputo)



Economic Researcher & Analyst

A two-phase project intended to determine the scope for promoting enterprises around mining (EAM) in Southern Africa through business to business linkages in the input supply sectors to the southern African mining industry. The first phase of this assignment involved engaging senior personnel in leading mining houses as well as in OEM to determine demand for supplier development support aimed at increasing supply (through local manufacturing) of goods and services to the mining sector. In the second phase of the project I interviewed representatives of a number of institutions (political, development, financial, business associations, etc) to determine the scope for strategic partnerships in support of the exploitation of business opportunities by local and regional SMEs. I also undertook an analysis of a range of contextual issues likely to impact on the form that a possible EAM support programme would take.

Responsibilities: undertook background economic research and analysis and was responsible for drafting inputs into study report and programme proposal to client. Carried out interviews with senior management personnel at a number of South African and Mozambique mining companies, chambers of mines, industry associations, development partners and private sector suppliers/manufacturers in the mining.

Aug 2014- April 2015 Harmony Gold (Pty) Ltd
Strategy for the Economic Rejuvenation of Matjhabeng (Free State Goldfields)

Projector director/ Coordinator and Team Leader

Downscaling and restructuring of the gold mining industry in the Free State Goldfields had a drastic negative impact on the local economic situation in the Matjhabeng municipal area. Coinciding with the establishment of the Inter-Ministerial Committee on the Revitalisation of Distressed Mining Communities by the Presidency, Harmony Gold therefore took the initiative to develop a Blueprint for the Economic Rejuvenation of Matjhabeng (BRM), to establish an innovative, positive post-mining legacy to catalyse new economic activities and sustainable non- mining jobs into the future. The resultant study looked at the policy and planning context within which the Blueprint was developed, considering previous and current initiatives intended to arrest and mitigate economic decline associated with mine downscaling. Furthermore, the study examined prospects for growth in the Matjhabeng local economy and the interventions that were necessary to realise those prospects and to stimulate a more diverse non-mining economy as the need for substitution economic activities grows with the further downscaling of gold mining. With the mining sector set to be impacted heavily by climate change the study offers insights into the challenge to establish innovative post-mining economic activities as the country transitions away from a heavily extractive economy. Understanding mining in a climate adaptation context is vital if there is to be a Just Transition.

Role: undertook background economic research & analysis and responsible for drafting a “Blueprint for the Economic Rejuvenation of Matjhabeng” study report and Programme business plan; Liaison with senior Harmony Gold staff, Matjhabeng Municipality, University of Free State, Free State Provincial Government, DFIs, and other stakeholders.

2013-2014 Advisory Support to the Mtwara Gas to Industry Project, Tanzania
National Development Corporation / Development Bank of Southern Africa

Principal Advisor

Provided project and policy advisory support to the Coordinating Committee for the Mtwara Gas to Industry Cluster Project, responsible for planning the integrated development of the Tanzanian Rovuma Basin natural gas reserves. This project was intended to provide a proposal on the way forward for Gas, Energy and Industrial Development in the Mtwara Region of Tanzania, and explicitly considers the gas, energy, and industrial sector infrastructure requirements in the Rovuma Region of Tanzania. Key roles included: Coordinating three project teams; author of Synthesis Report collating gas sector policy research findings, industrial development project level appraisals and physical planning proposals; and liaison with senior government, parastatal and private sector representatives.

2013 The Economic and Social Footprint of the South African Mining Industry



The PGM Sector Lonmin plc

Lead Economic Researcher and Analyst

Commissioned by Lonmin plc in the aftermath of the Marikana tragedy, this project was a study of the economic benefit flows and social impacts arising from Lonmin plc's Marikana PGM mining and processing operations. The study attempted to enumerate these to enable a detailed description of the economic and social "footprint" of the company's operations, to generate an objective, third party "evidence base" that could be utilised by key public, private civil society sector stakeholders to inform the dialogue that needed to take place if tensions on the platinum belt were to be defused and a repeat of the Marikana tragedy of August 2012 was to be avoided. Responsibilities: undertook extensive economic research to determine the economic "footprint" of Lonmin plc operations both within the mine host community the North West province and nationally. This entailed analysis the economic and spatial linkages to mine operations. Authored the "economic footprint" component of the study report.

2013

Strategic Assessment of the Ethiopian Minerals Sector

Swedish Geological AB / IntierraRMG

Consultant/ Economist

Strategic Assessment to determine potential of the minerals sector to contribute to sustainable economic growth in the medium to long-term. Undertook background economic research on the Ethiopian minerals economy; carried out an assessment of large-scale infrastructure requirements needed to support and facilitate mineral sector development; and liaised with government representatives and leading mining and exploration companies active in the country.

2011- 2012

Regional SDI programme & National Development Corporation, Tanzania

Tanzania National SDI Strategy

Consultant/ Technical Advisor

Provided consulting services for the preparation of a National SDI Strategy that could provide a framework for improved integration of the Tanzania SDI Programme into national economic development and industrial policy and strategy. This exercise drew on extensive source documentation from a variety of public and private sector sources and was focused on identifying the main economic and infrastructure drivers (investments) that could stimulate a catalytic natural resource (mainly mineral) based economic and industrial development process along major development corridors in Tanzania. Undertook extensive stakeholder consultation and drafted the proposed national strategy document including a proposal on an institutional framework to co-ordinate the preparation, implementation, monitoring and review of the SDI Strategy.

2010-2011

Mozambique SDI Programme: Gateway corridors Project

UK Department for International Development (DFID)

Senior Programme Advisor

Responsible for programme design; mentorship to Mozambique SDI Programme Director; advisory support to Minister of Transport; and carried out sector scans of minerals, agriculture, forestry, tourism, fishing and aquaculture sectors and project appraisals for a number of anchor projects.

2009-2011

Making the most of commodities programme

Hewlett Foundation/ University of Cape Town

Policy researcher

Carry out applied policy research on mineral-led, multi sectoral economic development corridors and large-scale infrastructure as an enabler of wider socio-economic development. Undertook in-country (Tanzania) stakeholder consultation. Co-author of research report (later included in book published on completion of the research programme).



2009- 2010	<p>NEPAD Spatial Development Programme African Development Bank (seconded to NEPAD Planning and Coordinating Agency)</p> <p><i>Spatial Development Specialist</i></p> <p>Modeled on the experience obtained through the South African SDI Programme, the NEPAD Spatial Development Programme has been adopted as a priority programme of the NEPAD Planning and Coordination Agency) NPCA), a technical arm of the African Union in South Africa. The NEPAD SDP is included in the Africa Action Plan. Carried out Programme scoping & design; commissioned studies with partner organisations; consultation with RECs; & provided advisory support to NEPAD CEO.</p>
2005-2009	<p>Regional Spatial Development Initiatives (SDI) Programme Development Bank of Southern Africa/ Department of Trade and Industry</p> <p><i>Programme Coordinator</i></p> <p>The Regional Spatial Development Initiatives (SDI) Programme is an investment facilitation strategy that focuses on unlocking inherent economic potential in specific Southern and East African locations, thus enhancing their attractiveness for investment. By focusing on defined geographic areas, usually along existing transport or development corridors, the SDI methodology allows for the creation of a critical mass of integrated private sector and infrastructure development necessary to kick-start a sustainable economic development process. As Programme Coordinator, was responsible for Programme business planning, programme management and administration. Also responsible for liaison with Programme Principals, politicians and senior officials from participating states and engagement with representatives of new participating states, donor agencies, Regional Economic Communities (RECs) and others; liaison with client organisations; Support to parent SA Ministry in bilateral economic engagements; Commissioned and oversaw mineral sector scans and infrastructure project appraisals.</p> <p>Responsibilities: managed programme active on development corridors in several Southern and East African countries promoting regional economic development based on technical evaluation and financial appraisal of large-scale mining and infrastructure projects. Principal author of document entitled “An Indicative Assessment to Determine Prospects for a NEPAD Spatial Development Programme” commissioned by the NEPAD Secretariat during my tenure as Regional SDI Programme Co-ordinator. As part of this exercise the potential for regional transport and development corridors was appraised including the Djibouti Corridor linking the Port of Djibouti with Addis Ababa in Ethiopia, and Nairobi in Kenya (and sub-corridor linkages to South Sudan).</p>
2000-2004	<p>Gariiep Spatial Development Initiative; Nacala Development Corridor Development Bank of South Africa/ Department of Trade and Industry</p> <p><i>Project Manager</i></p> <p>Key activities included: Economic sector scans & identification and preparation of investment projects; Infrastructure project appraisals; Evaluation & facilitation of anchor mineral investments (with private sector - Anglo American, Kumba, De Beers, etc) and enabling infrastructure investments.</p>

Selected Published Works

Petrie, B., Morris, M., Smit, D., Perkins, P., Tsilik, P. (2022). Mining Towns in Transition Framework. Under the project "Revitalisation South African Mining Ghost Towns Research", on behalf of the Industrial Development Corporation of South Africa (IDC) and funded by Agence Francaise de Developpement (AFD). OneWorld Sustainable Investments, Cape Town.

- Perkins, D., Cooper, T., Scholtz, L. and K. Mulaudzi. 2020. Mine Closure and Rehabilitation in South Africa: Activating Coalitions of the Willing for a Just Future. Briefing paper to WWF-South Africa, Cape Town, South Africa. Available: https://wwfafrica.awsassets.panda.org/downloads/mine_closure_and_rehabilitation_in_south_africa.pdf
- Slade, M. & **Perkins, D.**, (2017) 'Jadar Project Pre-Feasibility: Economic Impact Assessment'. For Ergo Strategy Group, July 2017
- Morris, M., **Perkins, D.**, Petrie, B., & Pringle, D., (2017) 'SECO/UNIDO Local Economic Development Assistance Programme in iLembe District: Value Chain and Cluster Development'. June 2017.
- Perkins, D., (2015) 'Identification and assessment of regional supplier firms with regards to their capacities, their potential and need for upgrading'. Input Report for SNL Metals & Mining 'Enterprise around Mining: Southern Africa', for the Federal Institute for Geosciences and Natural Resources (Germany), November 2015
- Perkins, D., (2015) 'Blueprint for the Economic Rejuvenation of Matjhabeng'. For Harmony Gold, May 2015
- Perkins, D., (2014) 'Status quo assessment of Progress with regard to the implementation of the Orange River Emerging Farmer Support & Development Programme (OREFSDP)'. For Northern Cape Department of Agriculture Land Reform and Rural Development, October 2014
- Perkins, D., (2013) 'The Economic and Social Footprint of the South African Mining Industry: The PGM Sector – Lonmin 2013'. For Mining Dialogues 360
- Perkins, D., (2013) 'Strategic Assessment of the Ethiopian Minerals Sector: Infrastructure Capacity to Support Mining Sector Development'. For Swedish Geological AB / IntierraRMG, December 2013
- Perkins, D., & Robbins, G., (2011) 'The contribution to local enterprise development of infrastructure for commodity extraction projects: Tanzania's Central Corridor and Mozambique's Zambezi Valley'. For the Making the Most of Commodities Programme (MMCP), October 2011
- Perkins, D., (2010) 'The NEPAD Spatial Development Programme'. For the NEPAD Planning & Coordination Agency, April 2010
- Perkins, D., (2006) 'An Indicative Assessment to Determine Prospects for a NEPAD Spatial Development Programme'. For the Regional SDI Programme Support Unit & Mintek February 2006
- Perkins, D., (2004) 'Northern Cape Province: Provincial Growth & Development Strategy'. For Department of Economic Affairs & Tourism, October 2004