

Appendix III: Mbofho Consulting Project Team is comprised of the following:

Name	Position	Qualifications	Experience
M.A Silidi	Project Manager	Masters Environmental Management (UOFS)	10+Years
Dr Edward Matenga	Archaeologist	PhD in Archaeology and Heritage	20+ Years
Prof Innocent Pikirayi	Moderator	PhD in Archaeology	20+ Years
T.R Silidi	Social Impact Assessment and Negotiations	Masters Certificate: SIA (UJ)	8 years

MRS. T.R SILIDI: SOCIAL IMPACT ASSESSMENT AND FACILITATOR

Qualifications are:

- Bachelor of Arts (Psychology) from Wits University, (2002)
- Honours (Psychology) from the University of Venda (2003)
- Masters Certificate in Advanced Social Research from the University of Johannesburg (2011)
- Certificate in Social Impact Assessment from the University of Johannesburg (2011)
- Negotiator course from South African Rights of Way (2010)

Work experience:

- **Managing Director: Mbofho Consulting and Project Managers cc (2008 to date)**
- She worked for Thandululo Counseling Organization as a Volunteer Debriefing, (2004-2005)
- Worked for Thuthuzela Care Center for the National Prosecuting Authority of South Africa as a Site Coordinator (2005-2006)
- Worked for WaHadzhi Project Manager as a Social facilitator and Researcher. (2006-2008)

Affiliation:

South African Rights of Way

M.A Silidi: Project Coordinator

Qualifications are:

- Bachelor of Environmental Sciences from the University of Venda, (2000)
- Postgraduate Diploma in Museum and Heritage Studies from the University of Cape Town,(2002)
- Masters Degree in the Environmental Management from the University of the Free State.(2007)

Short-course attained:

- Social Impact Assessment (UOFS 2006)
- Heritage Impact Assessment (WITS 2003, UOFS 2006)
- Principles for Environmental and Mining Rehabilitation (Potch 2008)
- Health and Safety: Construction Research Education and Training Enterprises (CREATE), (2005)
- Bituminous Binders for Road Construction: SABITA & CSIR – Asphalt Academy (2006)
- ASHEEP (NOSA 2009)
- SAMTRAC (NOSA 2009)

He served as a chairperson of the International Association for Impact Assessment (IAIASa) Limpopo Branch (2009 to 2011)

He also serves as a Council Member for Limpopo Heritage Resources Authority (LIHRA).

EMPLOYMENT RECORD

Formal Employment

Environmental: Mbofho Consulting and Project Managers cc (2008 – to date)

Director for Safety, Health and Environmental: Khoro22 Training and Development Consultancy cc (2008 – 2011)

Environmental Engineer: Roads Agency Limpopo (2004 - 2011)

Provincial Heritage Manager: South African Heritage Resources Agency (SAHRA) (2002-2004)

Matodzi Silidi worked for the South African Heritage Resources Agency (SAHRA) and was involved in bigger projects such as Mapungubwe World Heritage site, Makapans Valley World Heritage site etc. Mr Silidi was also a secretariat of the Archaeological Task Group (ATG) for Mapungubwe between 2002 and 2004.

RELEVANT EXPERIENCE

- Winter Archaeological excavations at Mapungubwe and surrounding areas during the years between 2001 to 2003, with Wits University Honours Students under Prof Tom Huffman
- HIA for the proposed establishment of a Piggery project at Dopeni (Vhembe District) for DIGES Consultants
- HIA for the proposed establishment of Busele Conference and Lodge Facilities at Mabulele (Mopani District) for Phaki Phakanani Consultants
- HIA for the proposed construction of Ngobeni Liquor and Guesthouse facilities in the Nwa-Jaheni (Mopani District) for Phaki Phakanani Consultants
- HIA for the proposed construction of Photo Primary School on the remainder of portion 1 of the farm Morgenzon 489 KS site within Makhuduthamaga Local Municipality in the Greater Sekhukhune District, for Phaki Phakanani Consultants
- HIA for the proposed township establishment in the remainder of portion 42 of farm Rondebosh 286LS at Louise Trichardt within Makhado Local Municipality of Vhembe District for Phaki Phakanani Consultants
- HIA for the proposed township establishment at Strydkraal Section A within Fetakgomo Local Municipality of the Greater Sekhukhune District for Phaki Phakanani Consultants

- HIA for the proposed township establishment at Thohoyandou extension J and K within the Thulamela Local Municipality of Vhembe District for Phaki Phakanani Consultants
- HIA for the proposed Raphuthi community Sickle Bush harvest project on the farm Leeupoort Vakansiedorp, Extension 7, under Thabazimbi Local Municipality within the Waterberg District for Kumba Iron Ore Mine
- HIA for the proposed two (2) borrow pits for the proposed repairs/ Reseal and rehabilitation of the Road D4045 (R570) from Lebowakgomo to Jane Furse within the Capricorn District, for Roads Agency Limpopo (RAL)
- HIA for the proposed upgrading of the Road D3770, D3771, D2009, D3878 from Rita/ Tikkieline to Burgersdorp to Julesburg/Rhulani to Hoveni to Callaise to Baloon to Sekororo within the Mopani District for Roads Agency Limpopo (RAL)
- HIA for the proposed upgrading of the Road D4200 from Marulaneng to Zoetvelden to Mphanama within the Fetakgomo and Makhuduthamaga of Sekhukhune District for Roads Agency Limpopo (RAL)
- HIA for the proposed upgrading the road (from gravel to a bituminous surface) of the road D1468 from Senwabarwana to Indermark in the Blouberg Local Municipality of Capricorn for Roads Agency Limpopo (RAL)
- HIA for the proposed upgrading of the Road D3537 from Harry Openheimer (N11) to Pudiyakgopa to Bakenber in the Mogalakwena within the Waterberg District for Roads Agency Limpopo (RAL)
- HIA for upgrading the road (from gravel to a bituminous surface) of the road D3322 (starts from D1200) from Ga-Tefu to Blouberg Hospital in the Blouberg Local Municipality of Capricorn District for Roads Agency Limpopo (RAL)
- Cultural Heritage Resource Management Plan Report for the declaration of Thulamela heritage site within the Kruger National Park for the Kruger National Park

- HIA for the proposed 400/132kV substation and powerline of about 25km which will feed from the Medupi-Witkop Powerlines, Eskom
- Archaeological excavations and exhumation of 14 Burial sites found at Alverton outside Burgersfort during the civil works to upgrade a Road between Alverton and Rietfontein to Kgautswane (P116/1), for the Roads Agency Limpopo (RAL)
- Archaeological salvaging of an accidental human remains found during the civil works to upgrade a Road between Alverton and Rietfontein to Kgautswane (P116/1), for the Roads Agency Limpopo (RAL)

Dr Edward Matenga: Archaeologist

Edward Matenga, is a former Curator and Director of a World Heritage Site. He is a qualified field archaeologist and heritage specialist with many years of experience in World Heritage Management.

EDUCATION

- **2011:** PhD in Archaeology and Heritage. Dept. of African Archaeology & Ancient History. Uppsala University (Sweden) with published thesis.
- **2002:** ICCROM Certificate on International Training on Integrated Conservation of Heritage Territories and Landscapes, ICCROM, Rome Nov/December 2002.
- **1992–3:** MPhil in Archaeology, Uppsala University, Sweden. Published Dissertation entitled: *Archaeological Figurines from Zimbabwe*; Sweden.
- **1984–6:** Undergraduate studies, University of Zimbabwe; Graduating with B.A. Honours in History (with Archaeology);
- **1982-3:** High School at Gutu Mission School, Zimbabwe (Matric) (Best Advanced Level student of 1983 & School Prize)

RELEVANT EXPERIENCE

2012/3 Several archaeological Impact Assessments in Limpopo and Mpumalanga Provinces for road development.

2009. Archaeological Impact Assessment for ESKOM development in the Empangeni Area (KZN) South Africa

2009. Archaeological Impact Assessment, Corniche Bay Development, Mauritius

1990-200. Involved in several archaeological surveys and excavations in Zimbabwe, notably in Northern Zimbabwe, around Great Zimbabwe World Heritage Site, and at Malilangwe Conservation Trust (Chiredzi)

INTERNATIONAL WORKING EXPERIENCE

2010. UNESCO Mission to Mbanza Kongo on Tentative Listing

2010. UNESCO/ICOMOS Reactive Monitoring – The Askum Obelisk Site

2008-9. Appointed heritage expert for preparation of Nomination File for the World Heritage inscription of Tongo Tenzug Sacred sites, Ghana.

2008. Appointed heritage expert for preparation of Nomination File for the World Heritage inscription of Mbanza Kongo, Angola.

2007. Appointed heritage expert for joint **UNESCO-Angolan Ministry of Culture Mission** to the historic town of Mbanza Kongo to assess potential for inscription as World Heritage.

2007. Appointed **ICOMOS** expert for the ICOMOS evaluation mission to in Mauritius (Aug-Sept 2007) following nomination for World Heritage listing of Le Morne Cultural Landscape.

2007. Preparation of dossier for nomination of Zimbabwe type stonewalled site for listing as one of **100 Endangered Sites** under the **World Monuments Watch**. Site listed June 2007.

2007: Resource Person for the Meeting of Experts for the Creation of a World Heritage Tentative List for Uganda, organized by the UNESCO World Heritage Centre.

2004 – 2006: Preparation of an Integrated Conservation Management Plan for the Robben Island Museum and World Heritage Site

2006: Appointed ICOMOS representative for the Joint ICOMOS-IUCN Evaluation Mission to sacred sites in Kenya (the Mijikenda sites) following their nomination for World Heritage Listing in 2008.

2005: Writing a Management Plan for stone-built structures in the Extreme North Province of Cameroon

2005: Appointed ICOMOS expert for the Joint ICOMOS-IUCN Evaluation Mission Nyika Plateau National Park, Malawi, following nomination for World Heritage status

2002: Assessment of the state of conservation of stone-built structures in the Far North Province of Cameroon and observations on requirements for intervention (mission initiated and sponsored by ICCROM – the International Centre for the Study of the Preservation and Restoration of Cultural Property under the Africa 2009 Programme)

1998: Resource person for Organizational Restructuring initiative, National Museums and Monuments of Uganda

CAREER DEVELOPMENT

- **2011 – to date:** Mbofho Consulting and Project Managers in Limpopo
- **20013 –** Lecturer in Archaeology & Heritage, Great Zimbabwe University
- **2009 - 2011:** Heritage Management Consultant in Johannesburg
- **2005 -2009** Part-time Teaching in the Robben Island Museum Teaching Programme
- **Course:** Post-Graduate Diploma in African Museum and Heritage Studies

2004-2005: Director of Research and Development, National Museums and Monuments of Zimbabwe (NMMZ)

1998 – 2004: Director of Great Zimbabwe (World Heritage Site)

As well as Regional Director of National Museums Monuments Zimbabwe Southern Region.

1994 – 1997: Curator of Archaeology & Conservation at Great Zimbabwe

1988-1994: Curator of Archaeology, Zimbabwe Museum of Human Sciences, Harare

SCHOLARSHIP AWARDS

2009-2011: Uppsala University scholarship for PhD study;

1988 - 1993 SIDA-SAREC Scholarship (Swedish International Development Authority-Swedish Agency for Research Cooperation with Developing Countries). For a postgraduate MPhil. study in Archaeology at Uppsala University, Sweden.

1984-86: Government Scholarship grant for undergraduate studies

1982-1983: Christian Care partial bursary

AFFILIATION TO PROFESSIONAL BODIES

- ICOMOS, the International Council on Monuments and Sites,
- Associate Researcher, National Museums and Monuments of Zimbabwe
- Member of ASAPA, the Southern African Association of Professional Archaeologists

PUBLICATIONS

CONTRIBUTION TO JOURNALS

- 1993a. "The Budiriro burial excavations, Harare, May-June 1990". *Nyame Akuma*, Society of African Archaeologists.
- 1996a. "Nyakambiri Burial Excavations, Marondera, Zimbabwe". *Zimbabwean Prehistory* 19.
- 1996b "Conservation History of the Great Enclosure, Great Zimbabwe, with reference to the proposed restoration of a lintel entrance." In Pwiti, Gilbert and Robert Soper (eds). *Aspects of African Archaeology: Papers from the 10th Pan-African Association for Prehistory and Related Studies* pp. 825-826.
- 1997. "Restoration of the Western Entrance to the Great Enclosure, Great Zimbabwe". *Zimbabwean Prehistory*, 25.
- 2000. (With G. Chikwanda). Illegal mining Activities at Chumungwa Ruins Mberengwa District, Zimbabwe 1995-1997: Some Aspects of Community Attitudes towards Heritage Protection.
- *Conservation and Management of Archaeological Sites*. London: James & James
- 2003. An Evaluation of the Critical Economic Resources of Great Zimbabwe, In Chami, F & G. Pwiti (eds), Climate, Trade and Modes of Production in Sub-Saharan Africa (*Studies in the African Past*).
- 2006. With G. Mahachi. "Chinengundu Mashayamombe and shrines of the First Chimurenga war 1896-7, Mondoro District, Zimbabwe". Zimbabwe

BOOKS

- 1993b. *Archaeological Figurines from Zimbabwe. Studies in African Archaeology* 5. Uppsala: Societas Archaeologica Upsaliensis.

- 1995. Matenga with Lindahl, Anders "Ceramics and Homesteads: an Ethno-archaeological Study in the Buhera District south-eastern Zimbabwe." *Studies in African Archaeology* 11.
- 1998. *The Soapstone Birds of Great Zimbabwe: Symbols of a Nation*. Harare: African Publishing Group.
- 1998. Iron Age Figurines from Zimbabwe. In *Zimbabwe: Past and Present*. Tervuren: Royal Museum of Central Africa. (Publication accompanying exhibition at the Royal Museum of Central Africa)
- 2000. Anthropomorphic figure from Zimbabwe. In Mack, J. *Africa: Arts and Culture*. London: Trustees of the British Museum.
- 2003. "Osm zimbabwských steatitových ptaku" In Hulec, O. C. Winter-Irving, and J. Oslar. *Moderní Zimbabwské socharství*. Czech Republic: Orientalní Akademie věd.
- 2011: *The Soapstone Birds of Great Zimbabwe: Archaeological Heritage, Religion and Politics in Postcolonial Zimbabwe and the Return of Cultural Property*. *Studies in African Archaeology* 16. Uppsala: Uppsala University. (Published PhD Thesis)

Biographical Data: Professor Innocent Pikirayi

Professor Innocent Pikirayi researches on southern African later Iron Age, specifically on the archaeology of Great Zimbabwe and post Great Zimbabwe periods. He has published numerous articles in refereed and peer-reviewed journals and chapters in edited books on various topics on the origins, development and decline of the Zimbabwe Tradition. Using geo-archaeological methods, he is investigating the decline of Mapungubwe and Great Zimbabwe as pre-European centres of political power and influence in southern Africa. His scientific contribution to the archaeology of southern Africa also focuses on ceramics. Current research on archaeological and ethnographic ceramics in southern Africa attempts to address limitations posed by pottery in archaeology and seeks new answers on pottery production, distribution, use and the relationships between material culture and human group identities. Professor Pikirayi is also developing an interest in public archaeology, specifically on the relevance of archaeological practice to descendant communities.

Archaeology Courses Taught

African and World Archaeology (AGL 120)
Field Methods and Interpretation (AGL 220)
Collections Management (AGL 320)
Advanced Archaeological Theory (AGL 751)
Current Issues in Archaeology (AGL 753)

Membership to national and international bodies

Reviewer, National Research Foundation (NRF) Evaluation and Rating Assessment Panel for Anthropology, Development Studies, Sociology and Social Work, 2008- 2010

Served on the Advisory Panel Meeting of the National Research Foundation (NRF) to consider, evaluate and make recommendations on the pre-proposals, proposals and applications for the South African Research Chairs Initiative (SARChI), 2007, NRF, Pretoria.

Editorial Board member, *Azania: the Journal of African Archaeological Research* published by the British Institute in Eastern Africa (BEIA), and covering a wide range of the archaeology of Africa's past, March 2007-present.

Editorial Board member, *African Archaeological Review*, a highly rated journal that publishes articles on African archaeology, highlighting the contributions of the region as they relate to key global issues, September 2008-present.

Editorial Board member of African Humanities Program (AHP) Publications series, 2012-2015

Editorial Advisory Board Member, The Society for Post Medieval Archaeology, August 2012-present (see www.spma.org.uk)

Scientific Advisory Committee Member, the Cradle of Humankind World Heritage Site Trust, South Africa, March 2012-present.

Scientific Advisory Committee Member, Global Pottery, International Congress on Historical Archaeology and Archaeometry for Societies in Contact. Member, World Archaeological Congress (WAC)

Member, Society for Historical Archaeology (SHA)
 Member, Society for American Archaeology (SAA)
 Member, Society of Africanist Archaeologists (SAfA)
 Member, Pan African Association for Prehistory and Related Studies
 Member, Association of Southern African Professional Archaeologists (ASAPA)

Selected Publications

- Chirikure, S. & Pikirayi, I. 2008. Inside and outside the dry stone walls: revisiting the material culture of Great Zimbabwe. *Antiquity* 82, 1-18.
- Koleini, F., Prinsloo, L.; Schoeman, M. H. A.; Pikirayi, I. & Chirikure, S. 2012. Characterization of the corrosion layer on iron archaeological artefacts from K2 (825–1220 AD), an archaeological site in South Africa. *Studies in Conservation* (in press).
- Koleini, F., de Beer, F., Schoeman, H. M., Pikirayi, I., Chirikure, S., Nothnagel, G. & Radebe, J. M. 2012. Efficiency of neutron tomography in visualizing the internal structure of metal artefacts from Mapungubwe museum collection with the aim of conservation. *Journal of Cultural Heritage* (in press).
- Koleini, F., Schoeman, M.H.A., Pikirayi, I. & Chirikure, S. 2012. Evidence for indigenous strip-drawing in production of wire at Mapungubwe Hill (1220-1290 AD): towards an interdisciplinary approach. *Journal of Archaeological Science* 39, 757-762.
- Lindahl, A. & Pikirayi, I. 2010. Ceramics and change: an overview of pottery production techniques in northern South Africa and eastern Zimbabwe during the first and second millennium AD. *Archaeological and Anthropological Sciences* 2 (3), 133-149.
- Manyanga, M., Pikirayi, I. & Chirikure, S. 2010. Conceptualising the Urban Mind in pre-European Southern Africa: Rethinking Mapungubwe and Great Zimbabwe. In Sinclair, P. J. J., Nordquist, G., Herschend, F. & Isendahl, C. (eds). *The Urban Mind: Cultural and Environmental Dynamics*. Studies in Global Archaeology 15. Uppsala University: African and Comparative Archaeology, Department of Archaeology and Ancient History, 573-590.
- Manyanga, M., Pikirayi, I. & Chirikure, S. 2010. Conceptualising the Urban Mind in pre-European Southern Africa: Rethinking Mapungubwe and Great Zimbabwe. In Sinclair, P. J. J., Nordquist, G., Herschend, F. & Isendahl, C. (eds). *The Urban Mind: Cultural and Environmental Dynamics*. Studies in Global Archaeology 15. Uppsala University: African and Comparative Archaeology, Department of Archaeology and Ancient History, 573-590.
- Pikirayi, I. 2011. *Tradition, Archaeological Heritage Protection and Communities in the Limpopo Province of South Africa*. Addis Ababa: Organisation for Social Science Research in Eastern and Southern Africa (OSSREA).
- Pikirayi, I. 2006. Gold, black ivory and houses of stone: historical archaeology in Africa. In Hall, M. & Silliman, S. W. (ed). *Historical Archaeology*. Blackwell Studies in Global Archaeology 9. Massachusetts, Oxford and Carlton: Blackwell Publishing, 230-250.
- Pikirayi, I. 2006. The demise of Great Zimbabwe, AD 1420-1550: an environmental re-appraisal. In Green, A & Leech, R. (eds). *Cities in the World*,

- 1500-2000. The Society for Post-Medieval Archaeology Monograph 3. Leeds, UK: Maney Publishing, 31-47.
- Pikirayi, I. 2006. The kingdom, the power and forevermore: Zimbabwe culture in contemporary art and architecture. *Journal of Southern African Studies* 32 (4), 755-770.
- Pikirayi, I. 2007. Public involvement in archaeological excavations in southern Africa. In Ucko, P., Ling, Q. & Hubert, J. (eds). *From Concepts of the Past to Practical Strategies: the teaching of archaeological field techniques*. London: Saffron Books, 305-20.
- Pikirayi, I. 2007. Ceramics and group identities: towards a social archaeology in southern African Iron Age ceramic studies. *Journal of Social Archaeology* 7 (3), 286-301.
- Pikirayi, I. 2009. The archaeology of sub-Saharan Africa: an overview. In Cunliffe, B., Gosden, C. & Joyce, R. A. (eds). Introduction. *The Oxford Handbook of Archaeology*. Oxford: Oxford University Press, 723-762.
- Pikirayi, I. 2009. What can archaeology do for society in southern Africa? *Historical Archaeology* 32 (4), 125-127.
- Pikirayi, I. 2009. Palaces, Feiras and Prazos: An Historical Archaeological Perspective of African–Portuguese Contact in Northern Zimbabwe. *African Archaeological Review* 26 (3), 163-185.
- Pikirayi, I. 2011. *Tradition, Archaeological Heritage Protection and Communities in the Limpopo Province of South Africa*. Addis Ababa: Organisation for Social Science Research in Eastern and Southern Africa (OSSREA).
- Pikirayi, I. 2011. The past within the present: the contemporary uses of Mapungubwe. In Tiley-Nel, S. (ed), *Mapungubwe Remembered*. Johannesburg: Chris Van Rensburg Publications Pty (Ltd), 250-258.
- Pikirayi, I. and Chirikure, S. 2011. Debating Great Zimbabwe. *Azania* 46 (2), 221-231