



cooperative
governance

Department:
Cooperative Governance
REPUBLIC OF SOUTH AFRICA

MUNICIPAL INFRASTRUCTURE
SUPPORT AGENT (MISA)



MUNICIPAL INFRASTRUCTURE
SUPPORT AGENT

Today, Creating a Better Tomorrow

CPD 2 credits (ECSA)

How to develop an Infrastructure Asset Management Plan in 3 months

The Municipal Infrastructure Support Agent (MISA) in partnership with SAICE Professional Development & Projects (SAICE-PDP) invites you to attend this two-day course that will equip attendees with the skills to prepare an Infrastructure Asset Management Plan - an essential enabler for service delivery for current and future generations, including **Maintenance Management** and **Condition Assessment**.



Attend this course and understand:

- Why the preparation of an Asset Management Plan (AMP) is essential for effective management
- What the content of an AMP is
- How to deal with imperfect and incomplete data
- What a sound preparation process is and who participates
- Techniques to determine a holistic overview of all infrastructure lifecycle needs ... and priorities
- How to assess the maturity of current asset management (AM) practice and identify improvement needs
- How to determine a credible and integrated infrastructure management plan

Benefits include:

- Comprehensive training material
- Key concepts, definitions and techniques
- Asset Management Plan template
- Participation in interactive group activities
- CPD credits (ECSA)

IMQS Presenter

Rob Childs Pr Eng PMP CSAM

COURSE SCHEDULE

Venue:

Dates:

Time:

REGISTRATION

To register, visit: www.saicepdp.org

For more details contact Nompumelelo Nyaba:

Email nompumelelo@saicepdp.org /

Tel: 011 476 4100

WHO SHOULD ATTEND

This course is recommended for:

- Municipal engineering officials
- Municipal Accounting/Finance officials
- Development planners & spatial planners
- Municipal officials and managers involved in strategic planning and budgeting
- Decision makers involved in setting or assessing municipal strategic spatial visions, budgets, investments, and long-term sustainability

COURSE OUTLINE - PART ONE

ASSET MANAGEMENT CONTEXT

- Organisational mandate, structure, sector responsibility and resourcing strategy
- What is an Asset Management Framework?
- What is an Asset Management Plan (AMP)?
- What is a Strategic Asset Management Plan (SAMP)?
- What is a Maintenance Plan?

WHY 3 MONTHS?

- Process and timing considerations
- Stakeholders

HOW TO GET COMPLETE BASELINE DATA

- Determine a complete picture of the nature, extent, value and status of existing infrastructure, right from the start
- Deal with scope, scale and consistency

DETERMINE ALL THE LIFE-CYCLE NEEDS

- Failure modes - **condition**, capacity, performance and their **assessment**
- Model capital renewal and **maintenance needs**
- Infrastructure service levels, standards and backlogs
- Future demand, management and lifecycle needs

WHAT IS MOST CRITICAL?

- Criticality assessment

AFFORDABILITY

- Financial status, recent and planned performance: opportunities and constraints

QUALITY OF MANAGEMENT PRACTICE

- AM practice assessment
- Improvement needs and planning
- Capital and maintenance management



THE PARTNERS



This course is presented in collaboration with **IMQS Software (Pty) Ltd.**

SAICE-PDP's Municipal Academy was established to support practitioners employed in local government with applying theoretical knowledge and relevant legislation in practice.



municipal academy
the road to service delivery



MISA's mandate is to provide technical support and advice to municipalities, whilst strengthening their capacity, for effective infrastructure planning, delivery, operations and maintenance.

COURSE OUTLINE - PART TWO

RISK

- Identify exposure
- Response review
- Assess current strategies, programmes and projects
- Risk plan

PERFORMANCE

- AM Objectives
- Key Performance Areas and Indicators
- Links to strategy and Integrated Development Plan (IDP)

FORMULATING A CREDIBLE PLAN

- Initial working document
- Assessment of existing responses
- Determination of priorities and tactics
- Stakeholder engagement
- Adoption ... and implementation

WHAT TO BRING TO THE COURSE

- Laptop with MS Suite & Internet connectivity
- Pen & paper

ABOUT YOUR FACILITATOR

Rob Childs obtained his BSc Civil Engineering from Teesside University in England, a Graduate Diploma in Engineering from WITS and a Graduate Certificate in Asset Management from the Institute of Quality Asset Management.

Rob is a professional engineer, project manager and infrastructure asset manager with 40 years' experience in civil infrastructure and buildings in Southern Africa, the Middle and Far East, and the UK. His focus in the last 20 years has been on providing advice in the strategic management of public infrastructure and property portfolios across all sectors and spheres of government. He has contributed to a number of published infrastructure asset management guidelines, is a council member of the Southern African Asset Management Association (SAAMA), and a director of the World Partners in Asset Management (WPiAM).