

**Name:** Rosalina Tavares Pereira de Sousa Serrão

**Date of birth:** 23-July-1955      **Naturaly:** Caxito- Dande/Bengo

**Address:** Benfica Bairro Patriota, Luanda

**Affiliation:** David Pereira de Sousa e Lucrecia Tavares Ferreira de Sousa

### **Academic Training**

1969-1973: Mid Level Course of Visual Arts – Ex Industrial School Oliveira Salazar – current Industrial Middle Institute of Luanda;

1974-1975: Complementary course of the high schools \_ 7th year of the high schools;

2003: Degree in Chemical Engineering, University Agostinho Neto, Angola;

2009-2010: Specialization in Environmental Engineering, University Agostinho Neto, Angola.

2010-2011: Master’s degree in Environmental Engineering in the specialty of wastewater and water treatment, University Agostinho Neto, Angola.

### **Complementary Vocational Training**

2015: Scientific Research Ethics Course held in Luanda from 1 a 3 December;

2017: Participation in the II National Workshop on the management of scientific research and Innovation;

### **Professional Experience (Career or professional activities)**

1973-1974: Public employee, ex Câmara Municipal de Luanda – 2nd fiscal Division-current Provincial Government of Luanda;

1974-1975: Teacher of Visual and Plastic Education at the former João Crisóstomo Secondary School-current ‘Ngola Kanini;

1977-2011: Full-system mathematics teacher at the former Secondary School João Crisóstomo - current school N`Gola Kanini;

2011: Mathematics teacher in collaboration regime at the former Secondary School João Crisóstomo - current school N`Gola Kanini;

2003: Technical career entry with the category of Higher Technician of 2nd class, in the Laboratory of Separation Engineering, Chemical Reaction and Environment - LESRA;

2011/2012: Admission to the researcher’s career with the Research Assistant category up to this date.

### **Participation in Scientific Events (national e international)**

2012 – Participation in the II ECOSANLAC – Latin AMERICAN Conference on Sustainable Sanitation, Vila Velha – ES – Brasil, from 4 to 7 November, with the poster under the theme: “Characterization and treatability of leachate of solid waste landfill of

Luanda”;

2013 – Oral communication at the Conference of the Environment, held on June 5 and 6, in the city of Lobito, entitled: “ Characterization and Treatability of leached of the Landfill of municipal solid waste of Luanda”;

2013 – Oral communication at the 3rd Science and Techonology National Conference held from 11 to 13 September, in the city of Luanda, under the theme: “Chemical oxidation of leachates by the Fenton process: Case Study of Mulenvos landfill”;

2014 – Exhibition of the poster at the VI International Fair of Education, held from 15 to 18 May, entitled: “Characterization and Treatability of the leachate of the landfill of municipal solid waste of Luanda”;

2014 – Participation in the XV Brazilian meeting on the Teaching of Chemical Engineering held from 22 to 23 de October at the Centro Sul Convention Center, in, the City of Convenções Florianópolis/SC - Brasil;

2014 – Participation in the mini-course taught by Alírio Rodrigues, on the theme: “Perfume Engeneering”, held from 20 to 22 de October, in Florianópolis, Brasil;

2017 – Oral communication in the 1st UAN Conference entitled “Advanced oxidation process leachate treatment”;

2017 – Co-author of the oral communication in the UAN Conference entitled: ”Determination of Chemical Oxygen Demand in difficult to analyze samples”.

### **Co-orientation and Monitoring of End-of-Course Work**

2005 to 2006 – Research work carried out in the LESRA, under the theme “Characterization of sludge from the water treatment plant of Luanda–Southeast and definition of an alternative suitable for its final disposal”, students: Leila Vasconcelos e Victória Luís;

2005 to 2006 – Monitoring of the research work carried out in LESRA, under the theme: “Adsorption of phenol in low-cost natural materials”, students: Álvaro Delly and Neves João;

2006 a 2008 – Monitoring of the research work carried out in LESRA, under the theme: “Removal of textile dyes from aqueous solutions using natural adsorbent materials”, students: Isabel Felizardo and Nzinga Dias;

2010 to 2019 – Participation in training activities of laboratory technicians;

2014 to 2015 – Participation in training and research activities under the second edition of the Master’s degree course in environmental engineering;

2016 to 2017 – Monitoring of the research work carried out in LESRA, under the theme: “Evaluation of potability parameters of the water consumed in the Calawenda neighborhood”, student: Sebastião José da Costa;

2018 to 2019 – Participation in training and research activities under the third edition of the Master’s degree course in environmental engineering.

### Languages

Language	Conversation	Reading	Writing
Portuguese	Fluent		
Ingles, Spanish, French, Kuimbundu	Basic	Basic	Basic

### Computer skills

Reasonable domain at the level of Office tools

### Personal skills

- Teamwork
- Initiative and leadership Spirit
- Innovative
- New challenges and activities

### Hobby and interests

Music  
Reading  
Drawing  
Painting

### References:

1) Name: Anabela Leitão

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And Environment, Luanda (LESRA)*

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