

PERSONAL INFORMATION

Name **CATINARI CLAUDIO**
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Nationality **Italian**
Date of birth **20.04.1986**



WORK EXPERIENCE

- Dates from April 2012
- Occupation Freelance
- Main activities and responsibility Geotechnical and structural design, wastewater treatment plants design, drawings and bills of quantities.

- Dates from June 2011
- Name and address of employer SWS consulting engineering S.r.l – Via Marco Marulo, 87b – 00143 Roma
Tel +39 06 54220510 Fax +39 06 54229266 – www.swsconsulting.it
- Type of business or sector Engineering Consulting
- Occupation Civil Engineer
- Main activities and responsibility Activity of geotechnical design, hydraulic engineering and wastewater treatment plants design, structural calculation, support to the project managing regarding on different national and international projects.

- Dates from September 2014 to December 2014
- Name and address of employer ANAS s.p.a – Direzione Centrale Progettazione – Via Luigi Pianciani,16 – 00185 Roma
Tel +39 06 44461 Fax +39 06 4454948 – www.stradeanas.it
- Type of business or sector Roadway State Agency
- Occupation Geotechnical Engineer
- Main activities and responsibility Activity of study for pile load test on piles foundations for an overpass of Civitavecchia-Orte-Terni-Rieti road.

- Date from January 2011 to April 2011
- Name and address of employer A.G.I.S. Ingegneria S.r.L. –Via Sabotino, 46 – 00195 Roma
Tel. 06.92597141 - Fax 06.92597142, E-mail: info@agisingegneria.it
- Type of business or sector Consulting firm providing services in geotechnics, environmental and structure
- Occupation Geotechnical Engineer

- Main activities and responsibility
 - Dates
 - Support to the activity regarding geotechnical design, civil engineering structures like foundations, retained structure and deep excavation. Study of filtration water's subsoil and environmental problems.
- Name and address of employer
 - Dates
 - from September 2008 to October 2008
 - Occupation
 - Met.Ro. S.p.a. – "Direzione Armamento e opere civili di linea"
- Type of business or sector
 - Occupation
 - Piazzale Ostiense 10 - 00154 Roma Tel: 0657532216
 - Main activities and responsibility
 - Public corporation of public transport system of Rome
 - Analysis of instabilities, feasibility's study and project of stabilization system for excavation front in pyroclastic soil of Rome – Viterbo railway

EDUCATION AND TRAINING

- Dates
 - From November 2013 to December 2014
- Name and type of organization providing education and training
 - "La Sapienza" University of Rome
- Title of qualification awarded
 - 2nd level Master in "Geotechnical Design" (EQF level 8)
- Subjects
 - Geotechnical characterization of rocks and soil by means of field and laboratory test, geotechnical modelling, foundation design, tunnel and underground structures design, slope stability and stabilization method
- Dates
 - From September 2008 to September 2010
- Name and type of organization providing education and training
 - "La Sapienza" University of Rome
- Title of qualification awarded
 - Master's Degree in environmental Engineering, division land protection – with a degree thesis in Geotechnics: *"Buildings methods and environmental effects in deep bulkhead excavation. The New line C stations of Rome underground"*. (EQF level 7)
 - During last two year I have been working with the team of my Supervisor Prof. Eng. Massimo Grisolia handling geotechnical issues like deep excavation, slopes stability and problems about water filtration.
- Level in national classification
 - 110/110 cum laude
- Dates
 - From September 2005 to July 2008
- Name and type of organization providing education and training
 - "La Sapienza" University of Rome
- Title of qualification awarded
 - Bachelor's Degree in environmental Engineering, division land protection with a degree thesis in Geotechnic: *"Railway line Roma-Viterbo: stabilization of excavation front in pyroclastic soils"*. (EQF level 6)
- Level in national classification
 - 108/110

<ul style="list-style-type: none"> • Dates 	From September 2000 to June 2005
<ul style="list-style-type: none"> • Name and type of organization providing education and training 	“Nomentano” High School in Rome
<ul style="list-style-type: none"> • Title of qualification awarded 	Scientific degree
<ul style="list-style-type: none"> • Level in national classification 	100/100
PERSONAL SKILLS AND COMPETENCES	<ul style="list-style-type: none"> - Chartered Engineer - Agrotechnician qualification - Member and Secretary of Commission “Sistemi idraulici complessi” of Engineers of Rome
ADVANCED COURSES	<ul style="list-style-type: none"> - Coordinator for safety during design and construction (D.lgs 81/08 of Italian Law) - “Design of photovoltaic systems”
PUBLICATIONS	<ul style="list-style-type: none"> - “No-dig methods for installation and rehabilitation of pipelines” (Book of Engineers of Rome) (2014) - Publication introduced to AGI (Associazione geotecnica Italiana) (2011) “Influence of construction methods on resentments caused by the excavation of perimeter bulkheads of the new C line station of Rome” (Grisolia M., Zechini A., Iorio G., Panetta G., Catinari C.).
MOTHER TONGUE	Italian
OTHER LANGUAGES	
<i>English</i>	
<ul style="list-style-type: none"> • Reading skills • Writing skills • Verbal skills 	<p>GOOD (B2)</p> <p>GOOD (B2)</p> <p>GOOD (B2)</p>
Language Certificates	GRADE 7 OF TRINITY
SOCIAL SKILLS AND COMPETENCES	Thanks to the experience of three consecutives years of scholarship at C.I.A.O (Centre of reception and curriculum counseling of “Sapienza” University), I learnt to work in group, to have constructive relationships with other people and to find the best solution to problems.
TECHNICAL SKILLS AND COMPETENCES	During last two years of master’s degree I have been working with the team of my Supervisor Prof. Eng. Massimo Grisolia handling geotechnical issues like deep excavation, slopes stability and problems about filtration. I’ve good knowledge of: Windows, Adobe reader, Arcwiev, Geostudio, Corel Draw, Autocad, Sap2000, Plaxis 2D, Plaxis 3D, Paratie plus.

OTHER SKILLS
AND COMPETENCES

I've been playing volleyball for 10 years.

DRIVING LICENSES

B

Professional Experience

<i>Detailed Tasks Assigned</i>	<i>Work Undertaken that Best Illustrates Capability to Handle the Tasks Assigned</i>
<p><u>Geotechnical and Structural Engineer</u></p> <ul style="list-style-type: none">• He was responsible of geotechnical analysis as well as the setting of the soil investigation analysis and tests. Moreover he modelled structural elements	<p>Name of Project: Ca Mau City Sanitation System Project Year: January 2014 – on going Location: Vietnam Client: Ca Mau Sanitation Project Management Unit/ Ca Mau Province Main project features: Rehabilitation and construction of Ca Mau city storm water drainage system (55km of drainage system including no.6 pumping stations and rehabilitation of the existing system); - Construction of Ca Mau city wastewater collection system (78km of wastewater system with 18 transferring pumping station); - Rehabilitation of the roads pavements of the trunks affected by the sanitation system improvement; - Construction of a new Wastewater Treatment Plant with a capacity of 8.000 m³/day. Positions held: Geotechnical and Structural Engineer Activities performed: Responsible for the Geotechnical and Structural component, planning of Soil Investigations</p> <hr/> <p>Name of project: New Energetic Dock (I° Phase)-Civitavecchia Port Year: from 2008 - ongoing Location: Italy Client: Port Authority of Civitavecchia/Società Itinera spa Main project features: The project concerns the phase I° works for the construction of more comprehensive new energetic dock in the Civitavecchia Port area. The project is aimed to the construction of a new breakwater to protect the land fill disposal, material, obtained from dragging activity. The project included the following:<ul style="list-style-type: none">• breakwater embankment, 1.300 m extension with a total height ranging from of 5÷7,5 m; cross-section composed by a tout-venant core, rock-fill filter, and antifer protection (4,5/20/31 ton);• total expected dragging volume: 4.900.000,00 mc;• temporary land fill disposal area: volume 1.700.000 mc.The requested services are: Prepare the Final Design and related Technical Specification Positions held: Geotechnical Engineer</p>

	<p>Activities performed: Responsible for the Geotechnical component. Numerical analysis.</p> <hr/> <p>Name of Project: Feasibility study and Final design for the rehabilitation works of road R3 Chisinau-Hincesti-Cimisilia-Basarabeasca, from km 31+700 to 70+000</p> <p>Year: October 2013 –October 2014</p> <p>Location: Moldova</p> <p>Client: Public Road Department, I.S. Administratia de Stat a Drumurilor</p> <p>Main project features: Project of the rehabilitation works of the R3 corridor that connects Chisinau, the capital of Moldova, with Basarabeasca in the south-west of Moldova. The road Hincesti-Cimisilia 38 km length, is the central trunk of the corridor and has no. 8 bridges and approximately no. 40 main hydraulic single or double box culvert. The approach of the study is to rehabilitate the existing road maintaining the scheme of the road but replacing the road structure, improving the safety traffic conditions.</p> <p>The Overall Project value: € 20.800.000,00</p> <p>Positions held: Geotechnical Engineer</p> <p>Activities performed: Responsible for the Geotechnical component. Structural and Geotechnical assessments of the existing bridges and planning of soil investigations</p> <hr/> <p>Name of Project: Detailed Design and RAP for the Centralized Irrigation Systems Rehabilitation Activity</p> <p>Year: from October 2011 to September 2013</p> <p>Location: Moldova</p> <p>Client: Millennium Challenge Account Moldova</p> <p>Main project features: The main objective of the project is the rehabilitation of 11 Centralized Irrigation Schemes (CIS), 5 on the banks of the River Prut (Western Moldova) and 6 on the banks of the River Nistru (Eastern Moldova), for an overall extension of 15,500 ha. The scope of work to be performed by the consultant can be summarized as follow:</p> <ul style="list-style-type: none"> -Detail Design preparation for the rehabilitation of 11 Irrigation schemes for an overall extension of 15,500 ha including, technical reports and calculation, construction plans, drawings, specifications and instructions, quantification of materials, works and equipment; -Conduct supplemental environmental studies to support the design; -Prepare the Resettlement Action Plan (RAP), including technical base documentation necessary for resettlement/compensation actions; -Prepare Bidding Document for an International Competitive Bidding (estimated works amount over 60 M\$) <p>Positions held: Geotechnical and structural Engineer</p> <p>Activities performed: Geotechnical and structural Investigations for the rehabilitation of 34 Pumping Stations and WWTP facilities. Structural and geotechnical analyses for the Detailed Design</p> <hr/> <p>Name of Project: Detailed design of the Palestrina WWTP rehabilitation works to obtain water quality levels in accordance with the DM 185/2003 (reclaimed water for reuse in agriculture) and construction of the sewerage collector (Italy)</p> <p>Year: 2011</p> <p>Location: Italy</p> <p>Client: LABORATORI SPA - ACEA (Water Management Utility)</p> <p>Main project features: The project entails the design of the rehabilitation</p>
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	<p>and up-grading works aimed to increase the capacity of the conventional WWTP up to 8.000 inh./eq. A 6,5 km length sewerage collector has been designed including no.3 pumping station to lift the water up to the WWTP.</p> <p>Positions held: Geotechnical and Structural Engineer Activities performed: Geotechnical and structural investigations, Structural analyses and Basic and Detailed Design</p> <hr/> <p>Name of Project: Detailed design of the WWTP re-construction in Ardena Town (Italy) to obtain water quality levels in accordance with the DM 185/2003 (reclaimed water for reuse in agriculture) Year: 2011 Location: Italy Client: LABORATORI SPA - ACEA (Water Management Utility) Main project features: The project entails the design of the rehabilitation/re-construction works aimed to increase the capacity of the WWTP up to 16.000 inh./eq (8000 cum/day). The WWTP shall be constituted by primary/secondary and tertiary treatment conventional facilities (active sludge process), including the final filtration and UV disinfection units to reach the required water quality for re-use in agriculture. Positions held: Geotechnical and Structural Engineer Activities performed: Geotechnical and structural investigations, Structural analyses and Basic and Detailed Design</p> <hr/> <p>Name of Project: Technical Assistance to ACEA Italy Year: 2011 – on going Location: Italy Client: ACEA ATO2 s.p.a. Main project features: Technical assistance to AQP ATO2 for the final design for the construction and/or upgrade of the water treatment plant, of water tanks and water supply networks within the Optimal Territorial Area 2. Positions held: Geotechnical Engineer Activities performed: Responsible for the Geotechnical and structural component. Numerical analysis.</p> <hr/> <p>Name of project: Detailed design of the new breakwater for Salerno port Year: 2012 Location: Italy Client: Port Authority of Salerno Main project features: The project is aimed to the construction of a new breakwater to protect the docks by marine currents prevailing in the area. Positions held: Geotechnical Engineer Activities performed: Preparation of Detailed design with drawings, structural and geotechnical calculations</p>
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I authorize the processing of my personal data.

ROME 04/01/2015

CLAUDIO CATINARI