## ANNEX 1

## Department of Agricultural Sciences and Production Panamerican Agricultural School, Zamorano

activities.  Training in the use and calibration of UV-visible spectrophoton automatic N and P analyzer, automatic titrator, DOC analyzer, ICP.  Set up of incubation experiments on effect of organic amendants of chemical and biological properties.  Measure of microbial activity (carbon dioxide evolution)  Measure soil microbial biomass C and N  Measure selected enzymatic activities.  Measure available phosphorus and mineral N  Measure toxic metals in soil.  Requirements  Good knowledge of written and spoken English  General laboratory facilities, TOC analyzer, ICP, N and P automatic analyzer, incubation cells.  Dinie Espinal, M.Sc., Agronomic Engineering Faculty,  Dinie Espinal, M.Sc., Agronomic Engineering Faculty,  Dinie Espinal, M.Sc., Agronomic Engineering Faculty,	DESCRIPTION OF PROFESSIONAL PRACTICE		
Name of the applicant receiving entity  Department where you are requesting the practitioner  Practice Manager and position held  Company address  Telephone			
applicant receiving entity  Department where you are requesting the practitioner  Practice Manager and position held  Company address  Telephone  Practice description  The student will participate and be instructed in a series of general introdu activities.  Training in the use and calibration of UV-visible spectrophotor automatic N and P analyzer, automatic titrator, DOC analyzer, ICP. Set up of incubation experiments on effect of organic amendants of chemical and biological properties.  Measure of microbial activity (carbon dioxide evolution)  Measure soil microbial biomass C and N Measure soil microbial biomass C and N Measure oscil microbial activities.  Measure available phosphorus and mineral N Measure toxic metals in soil.  Requirements  Resources to be provided to the practitioner  Coordinator at  Dinie Espinal, M.Sc., Agronomic Engineering Faculty, Dinie Espi	Practice name	Soil pollution and soil remediation	
Department where you are requesting the practitioner  Practice Manager and position held  Company address  Telephone +390432558644 E mail maria.denobili@unit activities and be assisted in the implementation of the following practivities.  The student will participate and be instructed in a series of general introductivities and be assisted in the implementation of the following practivities.  Training in the use and calibration of UV-visible spectrophoton automatic N and P analyzer, automatic titrator, DOC analyzer, ICP.  Set up of incubation experiments on effect of organic amendants of chemical and biological properties.  Measure of microbial activity (carbon dioxide evolution)  Measure soil microbial biomass C and N  Measure available phosphorus and mineral N  Measure available phosphorus and mineral N  Measure toxic metals in soil.  Requirements  Resources to be provided to the practitioner  Coordinator at  Dinie Espinal, M.Sc., Agronomic Engineering Faculty,  Dinie Espinal, M.Sc., Agronomic Engineering Faculty,	applicant	University of Udine (UNIUD)	
Manager and position held  Company address  Telephone  Practice description  The student will participate and be instructed in a series of general introductivities and be assisted in the implementation of the following practivities.  Training in the use and calibration of UV-visible spectrophoton automatic N and P analyzer, automatic titrator, DOC analyzer, ICP.  Set up of incubation experiments on effect of organic amendants of chemical and biological properties.  Measure of microbial activity (carbon dioxide evolution)  Measure selected enzymatic activities.  Measure toxic metals in soil.  Requirements  Resources to be provided to the practitioner  Coordinator at  Manager 209 – 33100 Udine, ITALY  maria.denobili@unit  natic.denobili@unit  participate and be instructed in a series of general introduction of UV-visible spectrophotor  activities and be assisted in the implementation of the following participate and be instructed in a series of general introduction of UV-visible spectrophotor  activities.  Measure of microbial activity (carbon dioxide evolution)  Measure soil microbial biomass C and N  Measure selected enzymatic activities.  Measure toxic metals in soil.  Good knowledge of written and spoken English  General laboratory facilities, TOC analyzer, ICP, N and P automatic in a series of general introduction, activities.	Department where you are requesting the	Department of Agriculture and Environmental Science (DISA)	
Telephone Practice description  The student will participate and be instructed in a series of general introductivities and be assisted in the implementation of the following pactivities.  Training in the use and calibration of UV-visible spectrophotor automatic N and P analyzer, automatic titrator, DOC analyzer, ICP.  Set up of incubation experiments on effect of organic amendants of chemical and biological properties.  Measure of microbial activity (carbon dioxide evolution)  Measure soil microbial biomass C and N  Measure selected enzymatic activities.  Measure available phosphorus and mineral N  Measure toxic metals in soil.  Requirements  General laboratory facilities, TOC analyzer, ICP, N and P automatical titrator, DOC analyzer, ICP, N and ICP, ICP, N and ICP, ICP, N analyzer, ICP, N analyzer, ICP, N ana	Manager and		
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Resources to be provided to the practitioner  Coordinator at  General laboratory facilities, TOC analyzer, ICP, N and P autanalyzer, incubation cells.  Dinie Espinal, M.Sc., Agronomic Engineering Faculty,  Dinie Espinal, M.Sc., Agronomic Engineering Faculty,  Dinie Espinal, M.Sc., Agronomic Engineering Faculty,	description	<ul> <li>activities and be assisted in the implementation of the variable of activities.</li> <li>Training in the use and calibration of UV-visible spectrophotometer, automatic N and P analyzer, automatic titrator, DOC analyzer, ICP.</li> <li>Set up of incubation experiments on effect of organic amendants on soil chemical and biological properties.</li> <li>Measure of microbial activity (carbon dioxide evolution)</li> <li>Measure soil microbial biomass C and N</li> <li>Measure selected enzymatic activities.</li> <li>Measure available phosphorus and mineral N</li> </ul>	
provided to the practitioner  Coordinator at  Dinie Espinal, M.Sc., Agronomic Engineering Faculty,  Dinie Espinal, M.Sc., Agronomic Engineering Faculty,  Dinie Espinal, M.Sc., Agronomic Engineering Faculty,	Requirements	· ·	
Coordinator at  Dinie Espinal, M.Sc., Agronomic Engineering various  Agricultural Sciences and Production,	provided to the	analyzer, incubation cells.	
Panamerican Agricultural School, Zamorano University.		Dinie Espinal, M.Sc., Agronomic Engineering Faculty, Department of Agricultural Sciences and Production, Panamerican Agricultural School, Zamorano University.	
Additional comments  The student will participate and be instructed in a series of introductory activities and be assisted in the implementation of b project activities  9/1/2016		The student will participate and be instructed in a series of general introductory activities and be assisted in the implementation of her own project activities	

DESCRIPTION OF UNIUD INTERNSHIP PROJECT - 2016		
Project title	Use of organic amendants for the remediation of polluted soils and to reduce soil degradation	
UNIUD supervisor	Prof. Maria de Nobili	
Name of the	University of Udine (UNIUD)	
receiving entity	Department of Agriculture and Environmental Science (DISA)	
Address	Via delle Scienze 206 - 33100 Udine (Italy)	
Telephone	+390432558644	
eMail	maria.denobili@uniud.it	
Project description	Recycling of agricultural and urban organic residues, biogas effluents, compost and biochar to remediate soil contamination and increase the activity of soil microbial biomass.  The student will be able to design soil incubation experiments to study the effects of organic amendments on soil properties, learn to carry out analysis of seòlected pollutants and measure simple parameters of biological activity.	
	The aim is to improve knowledge of soil processes and awareness of the importance of soil in environmental sustainability.  The student will participate and be instructed in a series of general introductory activities and be assisted in the implementation of the following project activities.  Laboratory safety and good laboratory practice.  Preparation of soil samples for analysis  Characterization of soil chemical properties, pH, cation exchange capacity,	
	<ul> <li>Characterization of soil chemical properties, pri, callor exchange capacity, texture.</li> <li>Training in the use and calibration of UV-visible spectrophotometer, automatic N and P analyzer, automatic titrator, DOC analyzer, ICP.</li> </ul>	
	Set up of incubation experiments on effect of organic amendants on soil chemical and biological properties.	
	Measure of microbial activity (carbon dioxide evolution)	
	Measure soil microbial biomass C and N	
	<ul> <li>Measure selected enzymatic activities.</li> <li>Measure available phosphorus and mineral N</li> <li>Measure toxic metals in soil</li> </ul>	
Requirements	Good knowledge of written and spoken English	
Resources to be provided to the student	General laboratory facilities, TOC analyzer, ICP, N and P automatic analyzer, incubation cells	
Additional comments	The student will participate and be instructed in a series of general introductory activities and be assisted in the implementation of her own project activities	
Coordinator at Zamorano		

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