

MASTER PROGRAMME SUSTAINABLE AGRO-ECOSYSTEMS AND RESILIENCE (SARe)

Academic Year 2021 - 2022



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Welcome Message

Are you planning to become an actor who will contribute to the sustainable development of farming and agri-food systems? Are you interested in agricultural development processes at territorial level?

The SARe Master's course is a 2-year programme that will enable you to build knowledge and competences to facilitate agroecological transition and the resilience of agroecosystems. Throughout your training, you will attend lectures and develop projects, interacting with scientists, practitioners and market players. You will develop your skills to interpret the complexity of agroecosystems and to facilitate development processes aiming to protect the environment and promote participation and networks development. In the 1st year, you will stay on CIHEAM campus in Bari, taking courses and living in an international environment, with students from many countries. The second year, on the other hand, you will carry out practical research in an agro-ecosystem in your own country, under the supervision of technical experts.

This booklet features the experience of our students from A.Y. 2021/22. We hope it will provide useful insights to lead interested students wishing to apply for the SARe Master's course.

Lamberto Lamberti
Course Coordinator

Nour Eddine Mayassi









About the Master Course

It is always necessary to improve the connection between stakeholders to facilitate problem solving. This master's course is the starting point for delving into all aspects of agri-food systems. Furthermore, this master's degree emphasises supply chains importance and different types, innovative solutions and green supply chains. The curriculum is very diverse and includes socio-economic and biophysical subjects relevant to agriculture and food systems. The coursework consists of lectures and field trips, meetings with local authorities, decison-makers and more.

My research in Mount Lebanon Governorate - Aley district

My research aims to develop resilience in soil systems. Globally, there has been a growing degradation of soils in recent years due to poor management practices. Interestingly, natural systems are resilient enough to regenerate in response to natural and anthropogenic disturbances. It is important to manage soil resources in a sustainable way, without crossing their tipping points that lead to a total shift in the balance.





The Campus Experience

Family spirit, generosity, safety, sports activities provided. But I would prefer the campus to be close to the city.







Yara Ibrahim









About the Master Course

First, because it is an important Master's course. You learn a lot and gain experience from the field visits included in the curriculum. Any agricultural engineer or technician should get familiar with this topic: our whole life is based on sustainability and resilience. Secondly, regardless of the importance of the programme, the course team, starting from the coordinator, all tutors and lecturers, create a family environment. They encourage you to keep going and achieve your goal and success.





My research in Akkar and Bekaa valley - Lebanon

My research is focused on innovation and sustainability. I tried to combine these two aspects because I attended two modules at CIHEAM Bari and I learned how much they are important in our lives, especially in agriculture, to be able to withstand and resist in an ever-changing situation. So my research is significant for my country because it will demonstarte how a whole industry can withstabd the current crisis and inflation in the country and how to improve this sector.





The Campus Experience

The family spirit that makes you feel at home and the cultural mix that allows you to learn from one another







Wafe jguirim









About the Master Course

Sustainability is a key pathway to building an equitable and resilient world, so with the 2030 Agenda for Sustainable Development adopted by UN leaders, all countries have committed to achieving sustainability in different spheres. In this context, the MSc in Sustainable Agroecosystem and Resilience is a versatile course that provides a holistic perception of sustainability and of how to achieve it in a balanced and integrated manner, improving environmental protection, applying strategies for economic growth and taking into account people's needs and social cohesion. Indeed, A combination of thoretical lessons, including project work, and field visists that enhanced my hard skills and my competences such as creativity, management, communication and teamwork.



My research in Médenine - Southern Tunisia

Water is a highly symbolic, life-sustaining asset and a sound and effective management is necessary to reach a sustainable development. Unfortunately, climate change is having an impact on water scarcity with a steady decline in groundwater recharge leading to an imbalance between water availability and its sustained demand. One of the mitigation solutions is the Managed Aquifer Recharge technology adopted by the SALAM-MED project in southern Tunisia. Therefore, it is necessary to involve a number of selected water sectore stakeholders who will study, implement and evaluate the technology to ensure the project success. However, collaboration between stakeholders in a harmonious, transparent and trusting atmosphere leading to greater social cohesion can be encouraged through the innovative Living Lab approaches which is the focus of my research activity.



The Campus Experience

Staying and studying at CIHEAM in Bari was special and so well organised. Accommodation was very good and well maintained: the room, the canteen, the sports ground.... Furthermore, this experience greatly improved my personal growth and helped me understand the world more, widen my horizons, step out of my comfort zone, learn and appreciate other cultures, acquire new knowledge and make very good friends.



Khalid Assenghour









About the Master Course

It provides you with a new understanding and a new vision of the future of the agriculture sector with sustainability at its core, and is indeed a great experience that you will never forget for the rest of your life.





My research in Ait M'hamed, Azilal province - Morocco

Among its values, I can mention learning and appreciating the traditional practices that our ancestors used to do and trying to be somewhat innovative on those ideas to make sure that we have a positive impact on the future. So, in a few words: Preservation of cultural heritage and knowledge sharing.





The Campus Experience

Meeting and getting to know new people and friends from different countries and cultures, and learning new things from each one, because having a kind of biodiversity in life is nice:D!







Sylvia Aluvanze









About the Master Course

The SARe course is designed to provide both theoretical and practical training. During my first year, I was able to understand the role of social sciences in promoting sustainable development. It gave me an insight into the importance of people when it comes to implementing and improving scientific research. As part of the programme, I also had the opportunity to learn about Southern Italy and its culture and appreciate local people and the struggles they face to develop themselves and their families. The course was well-structured, I learnt theoretical knowledge and applied it during the action-research module and the practical experience across Southern Italy



My research in Kilifi North Sub County - Kenya

Cassava has recently been promoted by various development bodiesin Kenya as a value chain that, once developed, would help alleviate not only food insecurity, but also poverty among small farmers. So far, efforts have been made to support the value chain to achieve this goal. My research aims to explore the milestones achieved so far in the Kilifi-North sub-county, the challenges farmers have faced and how they have addressed them, and the effect of value chain development so far. This will provide a better insight when it comes to bringing about change within smallholder farming communities and also appreciate the work that farmers do despite the various challenges they face.





The Campus Experience

Going abroad scared me because it was the first time I would be so far away from home for a long time. The campus made me feel like I had a safe place to stay at the end of the day and that there was someone who could offer me help when I needed and who also cared about my well-being. On the campus, I met some people who turned out to be more like a family than classmates. Thanks to my course I was able to experience and appreciate the culture and food of Italians in Puglia, and I am very grateful for that. I thank the campus community who made me feel truly welcome and took care of my needs during my stay at the campus!!!

Arsid Pambuku









About the Master Course

I would recommend it because it is a good experience, since you have the opportunity to meet people you couldn't otherwise meet, learn new things, improve your language skills and grow.





My research in Preza - Albania

My research activity seeks to gain an isight into a complex concept such as sustainable rural development by getting in touch with different people in different roles. The aim is to bring people and institutions together to discuss and articulate needs and possible solutions.





The Campus Experience

Relationships you build with students and other people. The welcoming and warm attitude of many people here makes it easier to live far from home. Since the campus has only few buildings, access to the services you need, such as washing machines, etc., is very easy.





Nour Ouzari









About the Master Course

I definitely recommend the SARe course to potential new students because of its dynamic approach. Having workshops, field trips, practicals and presentations taking place simultaneously with the lectures makes the whole programme less theoretical and create a good atmosphere. Also, having instructors from different nationalities, countries or even regions of Italy is another positive aspect of this Master's course.





My research in Oasis of Touzeur - Southern Tunisia

The approach of my work is to go further into the different concepts of sustainable development of agricultural ecosystems. More specifically, the issue of resilience in Oasis system by identifying its characteristics; learning to be in contact with different experts in the field as well as the conduction of questionnaires with stakeholders in question. The final goal is to have a kind of traceability of resilience indicators for drylands in Tunisia, especially for oasis systems. As well as an action plan while taking into consideration the problems and possible solutions to move towards more resilient systems.





The Campus Experience

The experience lived at the CIHEAM Bari's campus was a bit exhausting as it was my first time abroad. The course schedule was a bit busy but still bearable. However, 'let's get to the good part': what I appreciated most was that we had a very good relationship with our tutor, who was like a friend to us in several situations. Dr. Lamberto Lamberti and Dr. Philipp Debs made a great effort to make us feel confortable and to relieve our anxieties and our feelings of stress. They made our first year exceptional, I would say. But also the administrative staff and the staff in our building, where we live, have been great. So, what I enjoyed most was being with people who create a friendly and good atmosphere.







Nader Amir Fares









About the Master Course

This master's degree offers a variety of courses that are updated every year and helps you develop a versatile profile that is much needed in many organisations.





My research in Gabès and Médenine - Tunisia

Thanks to this master's programme, I had the opportunity to work on impact assessment, a topic I wanted to discover since my first training year. This master gave me the opportunity to get connected with experts and professionals in the field of agriculture and economics.





The Campus Experience

Now, the network that CIHEAM facilitates is really helping me to expand my opportunities for the future.











66 Get In Touch



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