

# NEWSLTR

**OCTOBER  
2019  
ISSUE**

## HIGHLIGHTS OF THE MONTH

**Spooktober**  
**IAASBELGIUM**

**Subregional Meeting 2019**  
**IAASEUROPE**

**Youth Agricature**  
**IAASINDONESIA**

**#MA3AN**  
**IAASMOROCCO**



**WHERE FOOD  
WASTE IS OUR  
MATTER**







## A month to prepare everything for whole year!

Dear IAASer!

As you know that we EB just finished our Strategic Meeting back in October! Planning is a must for us and also, we're so apy that many of IAAS country also having their own amazing activity during October! We're getting into the near end of the 2019, and we hoping all of you still having your spirits towards our goals which is IAAS 2020! Well, that's all from me as I representing all IAAS World EB, I just wanted to say Have A Good Day for all of you!

Best regards,

Festus Septian Yosafat  
Vice President of Communication IAAS World 2019/20

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**IAAS World**



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**IAAS**

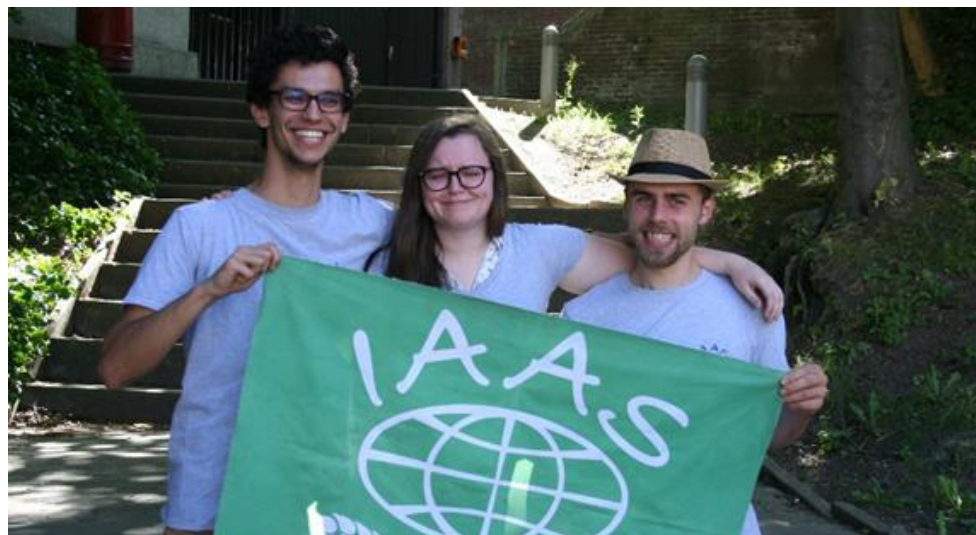


**IAASworld**

## Many thanks to:

Celine Callewaert (Belgium)	Poonam Bhatt (Nepal)
Katerina Parcharidou (Greece)	Oladapo Omotade (Nigeria)
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Tangimul Islam (Bangladesh)	Nicola Sanna (Italy)
Judy Chang (Taiwan)	Salvatore de Vincentis (Italy)
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Madhav Koirala (Nepal)	Berenice Rodriguez S. (Mexico)
Ditya Lamichanney (Nepal)	Katarina Rončević (Croatia)
Adarsha Neupane (Nepal)	Bajkić Marijana (Serbia)
Lena Garino (France)	







# What's Up!

*Europe*







# Sub-Regional Meeting Vibes

*Europe*





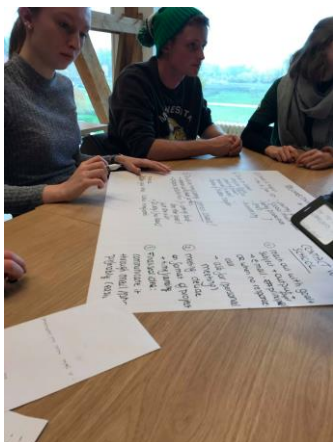
## Going to the Southern Europe Subregional Meeting

October 1<sup>st</sup> – 6<sup>th</sup>, 2019 (Thessaloniki, Greece) Gallery by IAAS Greece



## Going to the Northern Europe Subregional Meeting

October 15<sup>th</sup> – 20<sup>th</sup>, 2019 (Uppsala, Sweden) Review by IAAS Belgium



Our Swedish colleagues invited us to join the SRM in Uppsala. Huy from Leuven and Quinten and Aurélie from Ghent went to the beautiful campus which is located in the middle of nature.

On the first day, we visited the Tempel Brewery, where the brewer himself told us everything we wanted to know about how he brews his sour beers. After our lunch break, we had a brainstorming session about No food waste, Sustainable food and Reducing single-use plastic, which we will implement in our future activities as much as possible.

On day 2 we had a first brainstorming session about our new number one IAAS project. We chose a specific one and worked it out step by step the next day. In the afternoon 2 trainers (from Slovenia and Croatia) taught us stress management strategies, both for personal use as for use in our local IAAS committee! In the evening we had our Development fund, where all countries take part in an auction.

On Friday we went on a Viking Tour (after finishing the exciting new project as we said above), where one of the Swedish students showed us around some Viking graveyards and statues, and told us the most interesting facts about them! In the afternoon our two trainers helped us get better at teamwork in an amusing way.

On our last day, we visited the beautiful city of Stockholm. Although it was still quite cold, the sun was finally out and we enjoyed amazing views. In the evening the Swedish committee prepared us a nice and cosy dinner, or at least until the Vikings came in and scared the \*\*\*\* out of us all.





# Spooktober by Belgium Peeps!



## Hallo! Bonjour! Guten tag!

Our academic year starts at the end of September so that's when our new National Board and local committees got super active! We'll first introduce our new board to you and then talk about the open meetings and teambuildings each LC had. IAAS Leuven then organized a pancake action to promote their LC, IAAS Ghent went ice skating as a team building and Louvain-la-Neuve (or short LLN) went bowling!

Our members didn't just stay in Belgium, oh no, they went to the Subregional Meeting of North-Europe in Sweden, so you'll find a description on that event down below as well.

Lot's has happened in spooktober so read on!

## New Board of IAAS Belgium

October, 2019 (Belgium)

The academic year of 2019-2020 has started and we're glad to present to you the new board.

The board was voted on the last GA (see the group picture!), in June 2019 and exist of:

National director: **Celine Callewaert**

National Treasurer: **Jonathan Rixhon**

National Exchange Coordinator: **Kamiar Torabi**

Local Director of Leuven: **Amber Theunissen**

Local Director of Louvain-la-Neuve: **Ann Vandeput Cugnon**

Local Director of Ghent: **Celine Callewaert** and **Nina Stoop**

We're looking forward to an exciting year full of activities and welcome all our new members!





# Open Meeting IAAS Leuven

October 16<sup>th</sup>, 2019 (Leuven, Belgium)



On Wednesday the 16<sup>th</sup> of October the meeting from IAAS Leuven was a little different than normally. We organised an Open Meeting where people from outside IAAS with interest for our organization could come eat delicious Belgian fries (and carrots) and have a nice evening with the experienced members. The "meeting" ended up to be super cosy where the old members informed the potential new ones about the ruling of IAAS and also had fun chitchat conversations. In the end we gained two new members of our little family IAAS :D

## Pancake Action in IAAS Leuven

October 9<sup>th</sup>, 2019 (Leuven, Belgium)

On the 9<sup>th</sup> of October, IAAS Leuven organised a Pancake Action! A whole day long our team was knee high in pancake batter and busy flipping pancakes over. Despite the rain that day our pancakes were very popular! Sure enough, since they were made with a lot of family IAAS love.



## International Weekend

October 25<sup>th</sup> - 27<sup>th</sup>, 2019 (Louvain-la-Neuve, Belgium)

On the 25<sup>th</sup>, 26<sup>th</sup> and 27<sup>th</sup> of October, IAAS Louvain-la-Neuve organised an international weekend as the first event they would be hosting this year. Students from France, the Netherlands, Flanders, Germany and even China were invited to join the team and share this wonderful experience.

As to stay true to the very spirit of IAAS (exchanging, sharing and discovering), the team decided to have a Trade Fair on the first evening, on Friday. On Saturday morning, all members were to go to the Bois de Lauzelle, a forest close to the university campus, and play a game involving nature and biology. Then came Sunday morning: a dreadful, feared moment for all to realise the weekend would soon be over. However, before anyone was to say goodbye, the team in Louvain-la-Neuve organised a workshop to make soap in a natural way devoid of waste and pollution.

In conclusion, this first event of the year for IAAS Louvain-la-Neuve was an absolute success. We got very positive reviews for everyone, and the new members seem to have had lots of fun. The atmosphere felt immediately pleasant and friendly, even though most people didn't really know each other. There wasn't an ounce of awkwardness as everyone came open-minded and willing to make the most of this weekend. It was overall a great experience which everyone will keep great memories of.





# Belgium 101

October 17<sup>th</sup>, 2019 (Ghent, Belgium)

On the 17<sup>th</sup> of November we organised Belgium 101, to teach the international students all about being Belgian (so mainly food and beers).

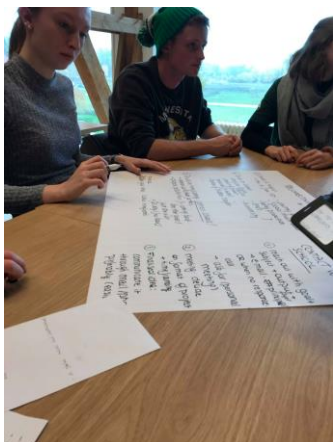
This was a cultural event organised by IAAS to welcome the Korean students to Belgium. The event began with a warm welcome and short introduction about IAAS before starting the activities. We organised 5 interactive and fun workshops to introduce the Korean students to Belgian history, culture and life-style, Waffle baking, Beer tasting. Belgian food, divided into two sections: warm dishes and desserts. There was stoofvlees, a Belgian beef stew made with beer and love. Vol au vent, which is made from chicken, meatballs and mushrooms in a delicious creamy sauce, served with a traditional puff pastry shell. Lastly, they enjoyed another classical Belgian dish of chicory vegetable wrapped in ham and topped with cheese sauce.

The event ended with cheerful and happy faces. Everyone had loads of fun and learned many new things about Belgian culture while making new friends. From the IAAS team, we look forward to welcoming many more new students, both international and local, to our lovely family.



## Going to the Northern Europe Subregional Meeting

October 16<sup>th</sup>, 2019 (Leuven, Belgium)



Our Swedish colleagues invited us to join the SRM in Uppsala. Huy from Leuven and Quinten and Aurélie from Ghent went to the beautiful campus which is located in the middle of nature.

On the first day, we visited the Tempel Brewery, where the brewer himself told us everything we wanted to know about how he brews his sour beers. After our lunch break, we had a brainstorming session about No food waste, Sustainable food and Reducing single-use plastic, which we will implement in our future activities as much as possible.

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# Full Action for Croatian Team!



## Živjeli!

This month was really exciting for **IAAS Croatia**. We organized a successful event in the Northern part of our country, where we had an opportunity to meet beautiful people from Greece, Serbia, Sardinia and Poland. We had our General Assembly and elected our new Board. Our members participated in an amazing action for making our planet “greener” and planted trees as a part of a collective action. **#PosadiDrvoNeBudiPanj**. We are truly motivated to work on our Global Projects and local actions in the next period!

## General Assembly

October, 2019 (Zagreb, Croatia)

As we mentioned at the beginning our old NB passed the legacy to our new motivated NB. As a newly elected Board we are giving you promise that we will do our best to keep up the good work our colleagues did and to promote our Association with all our heart.

We welcomed our new National Board and Control Board of IAAS Croatia!

National Director: **Katarina Rončević**  
VP of Finance: **Petra Jurlina**  
VP Exchange Coordinator: **Jure Atlija**  
VP of Communication: **Laura Gradinščak**  
VP of Projects: **Laura Hazler**

Control Board:  
**Nina Buljević**  
**Ivan Sever**  
**Tibor Marić**



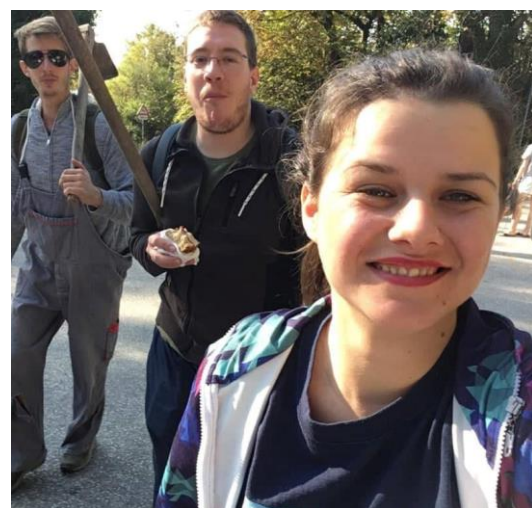


# Local Collective Action: Plant a Tree!

October, 2019 (Zagreb-Slieme, Croatia)



Colorful as it is, October in Croatia was pretty “green”. Our members participated in a Local action for making our planet greener. First, they went on a workshop where they learned “how to” and afterwards they used their knowledge! The action was organized by our colleagues from Faculty of Forestry and it took place at the nearby mountain peak Sljeme. Except for planting trees, Croatian team did a clean up of our place and recycled what was to recycle.



# Exchange Week in Croatia

**Competitiveness and potential of Northern Croatia in Agriculture and Food Industry**

October 7<sup>th</sup> - 13<sup>th</sup>, 2019 (Varaždin, Croatia)

Exchange Week in Croatia held place in the city of Varaždin. \*Fun fact: Varaždin used to be the capital city of Croatia until a huge fire burnt the city in 1776. The event lasted for 7 days. Our guests were colleagues from Sardinia, Serbia, Poland and Greece. We gathered in Zagreb on 7th and got back there on 13th October. During the event we visited our big food industry companies such as Vindiija and Podravka, but also, we tried to show our participants our local producers such as Pulfer brewery and Buzdovan ciders, Women's Association “Trnovečko srce”, Horvatinčić family farm and many more. Good news is that in future IAAS Croatia might expand our work and Zagreb will not be our only local committee! Stay tuned and look in the North direction!



## IAAS Croatia Gallery





# The New National Boards of Serbia!



**Marijana Bajkić**  
National Director



**Sofija Đekić & Borko Mihajlović**  
Exchange Coordinators



**Jovana Petrović**  
VP of Communication



**Ivona Radovanović**  
VP of Marketing



**Vasilije Simić**  
VP of Finance



**Darko Jovanović**  
VP of Project Development



**Filip Marković**  
VP of Protocol and Coordination



## Pozdrav iz IAAS Srbije!

October was full of events for our committees. We hope that these activities will further contribute to the work of our committees and we have many new projects in the pipeline. The Belgrade committee formed a new team. Both committees, IAAS Belgrade and IAAS Novi Sad received new members and represented the IAAS. We welcomed you also the new National Boards of IAAS Serbia 2019/2020!

National Director: **Bajkić Marijana**

National Exchange Coordinator: **Sofija Djekić & Borko Mihajlović**

VP of Communication: **Jovana Petrović**

VP of Marketing: **Ivona Radovanović**

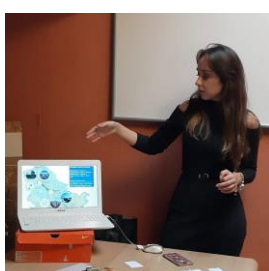
VP of Finance: **Vasilije Simić**

VP of Project Development: **Darko Jovanović**

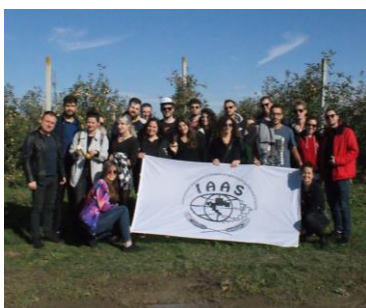
Vp of Protocol & Coordination: **Filip Marković**

## New Member Admission IAAS Serbia Gallery

October 28<sup>th</sup>, 2019 (Belgrade, Serbia)



October is the month where IAAS Belgrade and IAAS Novi Sad got its new member. At this month we did the first meeting, also led by the ND of IAAS Serbia which is Bajkić Marijana to presenting about IAAS to the new members.





# New seeds of IAAS by Italy

## Saluti da IAAS Italy!

October is the right month to put the seed of IAAS in the new students, as it's the start of the academic year here, so most of our job in this period is about meeting the new students, and helping them discover the University, and of course spread some IAAS knowledge.

### Garden Lab

October 15<sup>th</sup> , 2019 (Napoli, Italy)



As every year the members of the association interested in agricultural practices carry out an experimental garden. This year, due to the winter vegetable garden, legumes will be cultivated to implement the green manure technique and thus improve soil fertility for the future summer garden.

### Homebrewers Lab

October 28<sup>th</sup> , 2019 (Napoli, Italy)

they improve their skills in microbiology and food process. This time they start the production of a Weiss beer and the fermentation it's still in progress.



### Pecorino Romano D.O.P Cheese Congress

October 17<sup>th</sup> , 2019 (Sassari, Italy)

This congress is part of an hard work done by our LC of Sassari from the beginning of 2019, when in our region, Sardinia, the shepherds, exasperated by the fact the price of sheep milk was too low to cover the expense of producing it, started a huge protest throwing the milk on the streets. In the last academic year we made some conferences to discuss the problem and how to solve it, while in this last one, collaborating with our Professors, the shepherds, and different kinds of professionals, we discussed about Pecorino Romano, which is the most produced cheese in Sardinia, and presented the new productive, managing, and marketing plans of this cheese.

### Hemp Farm Visit

October 21<sup>st</sup> , 2019 (Napoli, Italy)



Some members interested in Hemp culture organized a visit in a farm that concern about hemp. A freelancer counselor in agriculture show machine to gather biomass, how they stock the products and how does it work the production chain.



# The new school year of Portugal



## 6<sup>th</sup> Edition Symposium

October 11<sup>th</sup> – 12<sup>th</sup>, 2019 (Vila Real, Portugal)

On 11th and 12th of October, the 6th edition of the Exotic Symposium was organized by IAAS UTAD. There were 14 national and international speakers and 150 participants. The event was divided into 4 sessions, on the first day.

The Engineer Tomás Martins had begun that talking about “Conservation of Wild Fauna”. The second session of the day, “Wild Man Interaction”, featured Eng. Hyan Silva. The third session of the day, had as chairman Dr. Luís Sousa, was designated “Bird Breeding” and had 3 presentations: “Reproduction and Creation by the hand of Calaus”; “Problems associated with the reproductive management of Psittaciformes” and “Reproduction of Parrots - the breeder's experience”. The last session was designated “Aquatic Ecosystems” and has been divided into: “Captive Coral Fragmentation”; “Management and Containment of Marine Mammals” and “Animal Welfare in Aquariums”.

Dr. Rui Patrício's presentation on “Analgesia in Reptiles” opened the second day with the theme “Preventive Medicine in Reptiles”. There were some presentations about “Parasite Control”, “Husbandry Requirements for Reptiles”, “Terrestrial Turtle Cristotomy - Postoperative Care”, “Chimpanzee Conservation Status (Pan troglodytes) in Guinea-Bissau and main threats” and “Carnivore Feeding”.

At the end and to close the 6th edition of the Exotic Symposium, Dr. Vanda Marnoto returned to the stage, with the theme “Welfare and behavior of small mammals as new companion animals”.





# Hallowiaan by Switzerland

## Hello FamillAAS!

In October five of our members went to the Subregional Meeting in Sweden to gain more exposure especially on making the Global Projects became reality and to know what to work on during the local motivational weekend in November. Due to the Subregional Meeting there was only limited national activities. We had our biweekly lunch meetings and we organized our typical IAAS Thursday Beer on Halloween.

## Hallowiaan, The First IAAS Thursday Beer of The Autumn Semester

October 31<sup>st</sup> , 2019 (Zürich, Switzerland)



At our university the ETH Zürich the student association of the agriculture and food science department (VIAL) organizes a Thursday Beer every week of the semester. IAAS Switzerland is part of VIAL and we take our turns of organizing these Thursdays. We regularly break the record of best visited Thursday Beer of the Semester with most sold beers. Our first Beer Night this semester had the Motto Halloween and all the IAASers dressed up. Once again, we had a very successful night. It is also tradition to try and organize one of these beer nights when we know we will have IAASers visiting and we had the honour to host the National Director of Belgium Celine during that period and she got to witness Hallowiaan as well.



# What's Up!

## *Asia Pacific*





# No Food Waste Action by Indonesia!



## Halo! Apa Kabar IAASer!

In this October, IAAS Indonesia had held Youth Agricarture which aimed to increase awareness of agriculture to youth and society. Other than that, some of our LCs did some cool event too this month to spread goodness between member and environment. So check this out!



## Youth Agricarture

October 19<sup>th</sup> – 26<sup>th</sup> , 2019 (Indonesia)

Youth Agricarture is a social project that aims to encourage young people to come back to care about the world of agriculture. Youth Agricarture was held on October 19-26, 2019 which was held in 8 local committees throughout Indonesia, namely UNDIP, UNS, UNS, ULM, UNRAM, UNPAD, UB, and IPB with the theme of Zero Waste. This activity consists of 3 series of events namely Goes to School, Social Campaign, and Goes to VCP.

Some schools in Goes to School activities are Al-Azhar 14 Semarang High School (UNDIP), Adisanggoro Vocational School (IPB), MAN 1 Mataram (UNRAM), SMA N 4 Bandung (UNPAD), SMA 2 BJB (ULM), MAN 1 (UB) , SMK 4 Yogyakarta (UGM), and several high schools in the city of Surakarta (UNS). Goes to VCP were held in Kulwaru Village (UGM), Taji Village (UB), Ulin Village (ULM), Cinanjung Village (UNPAD), Bengkaung Village (UNRAM), Kemuning Village (UNS), Tapos Village (IPB) and Kelir Village (UNDIP).





## IAAS Goes to Office Building

October 29<sup>th</sup>, 2019 (Jakarta, Indonesia)



On October 29<sup>th</sup> 2019, IAAS LC Unpad held a visit to Netherland Embassy in Setiabudi, South Jakarta and Kebun Kumara in East Ciputat, South Tangerang City which invited about 50 participants.

The first destination is Netherland Embassy. Embassy staff held a presentation about culture, education, scholarship and student exchange in Netherland. After that, the participants are allowed to ask everything about Netherland on Q&A session. Netherland Embassy visit was closed with a photo session with embassy staff and the participants.

The second destination is Kebun Kumara. At Kebun Kumara we got new insight about how to branding, stabilizing, and networking. We also did Ecobrick Workshop and practice how to make ecobrick. After that we had mini tour around Kebun Kumara's field. Our visit in Kebun Kumara was closed with a photo session with Kebun Kumara's staff and the participants.



## IAAS Goes to BPTP

October 31<sup>st</sup>, 2019 (Banjarbaru, Indonesia)



BPTP Visit is a visit to one of the hosting places held by the STD department in collaboration with Expro. This visit was more precisely in the BPTP garden commonly called IPPTP (agricultural research and assessment technology installation). BPTP Visit was held on Thursday, 31 October 2019 at IPPTP. This training can be attended by members of IAAS LC ULM. This activity is held in the afternoon, starting with an explanation by Mr. Agus about BPTP and what is on BPTP. Then proceed with a tour around IPPTP accompanied by Ka Jabal while explaining each slot visited.





# Agri Enthusiast by Bangladesh



S.M. Kamran Ashraf  
VP of Communications  
and Membership



Abidur Rahman  
Exchange Coordinator



Md. Tangimul Islam  
National Director



Saleha Khatun Ripta  
VP of Finance



Abdullah Maruf  
VP of Project  
Development

## Greeting from IAAS Bangladesh

Our New committee has been announced in this October. "There is no alternative to agriculture to attain "sustainable development goal". Based on this moto, next year plan has been prepared. The local committees arrange some different programs such as the "Agri entrepreneurship" program and Road to the "higher study program". We passed an exquisite month with some enthusiastic agri-minds.

## 2nd Anniversary of IAAS Bangladesh

October 14<sup>th</sup> , 2019 (Khulna, Bangladesh)



IAAS Bangladesh has celebrated 2nd anniversary on 14th October at its headquarter Khulna. There lot of students, former national director, fresher's and adviser were present in the celebration. The celebration starts with cutting a big cake. After that new committer were welcomed by former committee. The advisor gave some deliberate speech on prospectus of IAAS Bangladesh and its future goal.



# Road to Abroad

October 26<sup>th</sup> , 2019 (Patuakhali, Bangladesh)

For better study opportunities and research facilities, students dream to study in reputed Universities in the world. To give a boost to their dream different prestigious scholarship holders of PSTU shared their experiences and process to get scholarships and funds from studying abroad. Our 5 mentors run the session and 250 participants had been the beneficiaries of the program.



# Training on Research Methodology

October 19<sup>th</sup> , 2019 (Patuakhali, Bangladesh)



To assist the undergraduate and post-graduate students of PSTU in research work, IAAS Bangladesh PSTU takes a great initiative to provide training on Research Methodology. The objective of this training is to provide essential knowledge of Research Methodology.

Research Methodology refers to a set of systematic methods necessary for conducting empirical research. Knowing the steps of writing a research-based manuscript and knowing the steps of conducting research are different. In order to make research more credible and reliable, a researcher must know the complete methodology of conducting empirical and systematic research. This training is suitable for any discipline students of PSTU. This training is 1.5 months long. Professor Dr. Mamun Ur Rasid is conducting the training and teaching the way to be a good researcher.



# Sharing Time by Taiwan

National Director  
Judy Chang



VP of Event Planning  
Jimmy Tseng



VP of Public Relation  
Weber Wei



Exchange Coordinator  
David Chiang



VP of Finance  
Hank Wei

## 你好 (Ni Hao) Hello from IAAS Taiwan!

October is the month that IAAS Taiwan voted for our new generation of executive board. We have new blood to promote the spirit of IAAS, trying to make more people know about the organization and what contribution we made related to agriculture field. In order to achieve it, we held WOCO Cote d'Ivoire sharing to share delegates' experience with those who are willing to know or join it in the future.

To make IAAS Taiwan keep moving on, we held the election for the next generation of IAAS executive board. From nominating candidates to job handover, we try to make sure that the new representatives of IAAS Taiwan understand all tasks that they need to finish and organize. We hope that the new generation can write a bright IAAS journey.

## WOCO Côte d'Ivoire Sharing Part I

October, 2019 (Taipei-Pingtung, Taiwan)

The event was split into 3 main parts including introduction of IAAS, experience sharing in WOCO 2019, and activities sharing from IAAS members. The first part concerned activities IAAS Taiwan held these year, from Agri-talk to small trip. The second part is related to the sharing in WOCO 2019. Three Delegates that participated in WOCO 2019 will share different aspects they experienced during the conference. The topics contain the agenda of WOCO, domestic agricultural business in Côte d'Ivoire, and cultural observation sharing. The third part is about workshop. After the sharing parts, we held the workshop to let the participants have chance to have interaction with the delegates. We let them to discuss three different topics to create the mutual communication, making us have chance to receive more feedback and opinions from others.





# Nepal Action for Development



## On Going Marigold Cultivation

October, 2019 (Nepal)

International Association of Students in Agricultural and Related Sciences (IAAS) is always motivated to do more and be more. Seeking on the theme 'Learning by Doing' IAAS Nepal AFU LC has aimed to engage all the enthusiastic agricultural students within a field. In order to acknowledge the related students with experimental learning and agricultural experience this organization had commenced the Marigold Cultivation practice based on production since Ashadh 26 (July 11). From Marigold Cultivation, we actually came to know the efforts and dedication a farmer gives to grow his crops. We acquired the knowledge on practices to be performed in the marigold field. Not only that, we come to know a lot about marketing the product and marketing channels. This has certainly helped us to build up our entrepreneurship skills.

**IAAS LC HICAST in collaboration with 'Nawa Jiwan Paropakar Samaj' successfully cultivated four thousand marigold seedlings in 7 Ropani land**



IAAS LC HICAST in collaboration with 'Nawa Jiwan Paropakar Samaj' successfully carried out the cultivation practices of marigold plant from nursery bed to marketing. The amount collected from marketing of the flowers was utilized for the good of the old age home. Nawa Jiwan Paropakar Samaj Old age Home is located in Phutung, Kathmandu. It has been serving as a home for elderly, homeless and differently able people since few months. To provide technical and financial support to the family of old age home and to impart practical knowledge to the team of IAAS LC HICAST as well as to bring the sense of social service, IAAS LC HICAST joined hands and engaged itself in this challenge to plant 4000 seedlings of marigold plant.



# What's Up!

# Americas





# Viva New Board of Mexico!



Berenice Rodriguez  
National Director



## Hola Amigos IAASer!

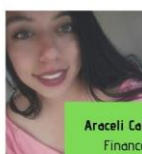
We are very glad to start with our newly elected board, integrated by new and other very experienced members! This year IAAS Mexico is making history with the integration of new local committees and the interest of a few others. It's for us a big challenge trying to work although the distance and the immense diversity of our country, but we are glad to expand this incredible familiaAS and reach students from north to south to strengthen our organization and offer new opportunities for those interested and active students.



Sora Vega  
Exchange Coordinator



Yohalitza Ortiz  
External Relations



Araceli Cabrera  
Finances



Ramsés Bárcenas  
Communications



Mitzi Aguilar  
Control Board



Gilberto Garcia  
Control Board

## IAAS La Salle Bajío Excursion

October 21<sup>st</sup>, 2019 (León Guanajuato, Mexico)

After our national congress in April with different Universities, we got to open a new local committee at the University of La Salle Bajío where Jiram Tovar and Luis Gerardo Ojeda started to motivate the students and their director to create a local committee. They started with a lot of doubts about IAAS, but on their way of introducing the organization to their school members, they motivated them to create IAAS La Salle Bajío with a lot of members.

Their first official activity as an official board was a visit to a seeder's factory where they got to see the designing engineering and production of the different implements. Their second visit that day was to an intensive bovine meat production module, afterwards they went to a demonstrative plot of conservational agriculture and finally ended the day with the visit to the protected area of Las Musas. They had lunch and got enough time to get to know each other.

### NUEVOS COMITÉES LOCALES IAAS MÉXICO



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## IAAS La Salle Bajío visit to the protected area of Las Musas



## Visitation to the demonstrative plot of conservational agriculture



# IAAS Mexico celebrating The International Day of Rural Women

October 15<sup>th</sup> , 2019 (Texcoco, Mexico)





## Día Internacional de la Mujer Rural

15 de Octubre

En este día se reconoce la función y contribución decisivas de la mujer rural, en la promoción del desarrollo agrícola y rural, la mejora de la seguridad alimentaria y la erradicación de la pobreza rural

[iaasworld.org/women-in-agriculture](http://iaasworld.org/women-in-agriculture)



Reminding our members about the importance of women in agriculture, we posted on our social media and whats app groups some images celebrating this date. "Starting with the activities of the new National Board. The United Nations' (UN) International Day of Rural Women celebrates and honors the role of rural women on October 15 each year. It recognizes rural women's importance in enhancing agricultural and rural development worldwide."



# Striving for Excellence by USA

## Greetings FamillAAS from USA!

October was a time for local committee development and club member bonding. IAAS committees around the IAAS help many different events to recruit new members and educate members on International Opportunities. IAAS UTK has also been working hard to prepare for the National Summit in Spring.



## Upcoming National Summit 2020

The IAAS USA National Summit will be held in University of Tennessee, Knoxville on April 2<sup>nd</sup> – 5<sup>th</sup>, 2020. With the theme “Feeding The Future”, the main idea comes up on how we can feeds 9 billion people in year of 2050.

## Informational Session on Study Abroad Opportunities in Guatemala





# What's Up!

## *Africa*





# Togetherness of IAAS by Morocco



## Salam IAASer!

This is IAAS Morocco National board , we are happy and satisfied about the exposure we gained and the work and opportunities we got involved in starting last month: opening ceremony, recruitment of newcomers, intergration day and most of all the project we are highly proud of, the one we are bringing to reality on the 16th, 17th and 18th of november the humanitarian caravan (Village Concept Project) #MA3AN or #TOGETHER. We hope you all having a great day!



**1ST EDITION**

**MA3AN**  
MAKING YOU SMILE...  
IS OUR WILL

**DEVELOPMENT OF THE PRIMARY SCHOOLS**

**DELIVERY OF SCHOOL SUPPLIES**

**DELIVERY OF FOODSTUFFS**

**CELEBRATION OF THE INDEPENDENCE DAY**

**DELIVERY OF CLOTHES**

**Village Concept Project**

**DOUAR ILGHMANE, OULMES**

**16,17,18TH OF NOVEMBER 2019**

**#MA3AN**

**LES EAUX MINÉRALES D'OULMÈS**

**IAAS MOROCCO**

**LUEUR D'ESPOIR RABAT**

## Village Concept Project initiative called #MA3AN (Morocco)

IAAS Morocco launches its first Village Concept Project initiative called #MA3AN which means in Arabic "Together". The first edition is going to take place in the rural area of Oulmes region in the Moroccan Atlas Mountains from 16th to 18th of November 2019 and it's in collaboration with another NGO called "Lueur d'espoir" . Many activities will take place and mainly target the children of the village. In October, we started collecting funds, clothes, school supplies by making video projections and targeting partners. We are going to teach students a lot of values that are mainly related to SDGs, and we will also help them financially. We are so thankful to our sponsors "Les Eaux Minérales D'Oulmes" and "Association Al Wiam pour le Développement Social" for their big contribution in this Village Concept Project.





## Integration Day

October, 2019 (Rabat, Morocco)



During October 2019, we organized our integration day the main goals of this annual event is to gather the members of the association to share knowledge and friendship through many icebreaking games.

## Member Recruitment in LC ENAM

October 31<sup>st</sup>, 2019 (Meknes, Morocco)



We chose the theme of Halloween, considering that recruitment day was organized on the 31st October. It was so awesome! You guys came up to join us, to get more informations about IAAS and how it all works. It was a pleasure for us to share with you our excitement and our passion about IAAS ENAM.

## Opening Ceremony

October 9<sup>th</sup>, 2019 (Rabat, Morocco)



In October 2019, we organized our annual Opening ceremony. The main goals of this annual event is to gather the members of the association to share knowledge and friendship. During the opening ceremony we introduced the association to all the interested students by clearing up our objectives, our history and the opportunities that might be presented to members with examples of old members who went to internships as motivation to recruit incomers



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#MA3AN



VOUS FAIRE SOURIRE...  
C'EST NOTRE DÉSIR

This is how we promoted our Village Concept Project, indeed:  
There is no exercise for the heart better than reaching down and lifting people up!



# Nigeria in Agro Action



## Greetings from Nigeria!

IAAS Nigeria have six (6) local chapters, we have worked so much to one aim of producing Agro wise graduate with a team of Agro expert, intelligent and dedicated members.

IAAS Nigeria leaders are set of people that have dedicated themselves not only to this great developing association but also to developing themselves. In the team we have human resource personnel, project management professionals, agriculture enthusiast, Agro Communication expert And founders of Agro startup, this great team has brought together people from different race and have gotten over 80% perception of people changed about agriculture.

In the month of October, we had various activities ranging from startup to finishing, we organized some online projects which was executed within a month, despite the fact that some of our local chapters were busy with their examinations, we still did our best to make sure IAAS name ring a bell in the schools and country at large.

## Agroschooling in Over 6 Secondary Schools

October 10<sup>th</sup> – 17<sup>th</sup>, 2019 (Osun State, Nigeria)

We embarked on a mission to change the negative perception of Nigeria youth about agriculture through one of our local chapter. This project have started since about three (3) years now, and we are still going to do more on agro schooling until we are satisfied about the motive our youth have towards agriculture as a dirty work.



## Agri Tour Program

October 26<sup>th</sup>, 2019 (Ogun State, Nigeria)

It was a day program and the visit to the Park was the largest Organic Agricultural Firm in Africa that our members had ever visited before. We were 30 in numbers that attend the program. Agro Park Development Company Limited is primarily a farm management company involved in the end to end of agricultural value chain. The firm fully manages over 1,500 hectares of farmland for individuals, corporate and institutional investors. They cultivate spices, staple crops and cash crops. Their livestock section includes poultry, fishery, piggery and rabbit farm.





A photograph of a wooden barrel filled with various food items that are considered waste. The items include a banana with brown spots, a blue plastic cap, a white plastic container, a slice of bread, a tomato, a piece of meat, and several large green lettuce leaves. The barrel is made of dark wood and has a metal lid that is slightly ajar.

# FOOD WASTES IS MATTER

Picture Source:  
[https://www.sbs.com.au/food/sites/sbs.com.au/food/files/styles/full/public/drupal\\_flickr\\_15951717452\\_1fb8ef310e\\_o.jpg?itok=\\_zl6lIYN](https://www.sbs.com.au/food/sites/sbs.com.au/food/files/styles/full/public/drupal_flickr_15951717452_1fb8ef310e_o.jpg?itok=_zl6lIYN)



**We are facing many different challenges across the world such as environmental accidents, global warming and industrial pollution but there is something else that is happening that many of us are not aware of.**

## **Food Waste.**



Picture Source: Dan Gold (Unsplash.com)

Food. We all need it and many of us are lucky enough to have access to the wide range of products found in the supermarkets. However the relationship that we have with food waste is often one of out of sight and out of mind. This relationship is causing problems on a global scale and this issue needs to be addressed sooner rather than later.

## **Why and how Food is Wasted?**

There is not one single, clear-cut answer to this question. However, there are a number of reasons as to why food is wasted. Food waste is something that occurs at every stage of the process ranging from the moment it is grown to the moment it reaches the consumer.

Food can become lost through spillages, it can become spoiled during transit and it can become damaged by insect infestation. In reality, there is a multitude of reasons as to why food is wasted and a number of ways in which it can be wasted.



Picture Source: <https://horizon-media.s3-eu-west-1.amazonaws.com/s3fs-public/ficht/image/Food%20waste.jpg>

## **Why Food Waste is a Global Issue?**

To gain an understanding of the scale of the problem, the food we waste contributes to the production of greenhouse gases, with the amount of emissions that food produces being the third highest behind China and America.

The issue of global food waste is not just about consumers creating waste. The problem with food waste begins life at the start of the food production process which includes the growing of crops, livestock and even during the manufacturing process. All of this plays into the overall problem where a significant amount of food is wasted each year.



Picture Source: Taz (Flickr.com)

Scratch the surface and you begin to realise that there are wasted resources such as water, then there is the transportation of produce and the processing of food. We also don't see the first-hand the effects of starvation in certain countries throughout the world. We simply see our food in the bin and think nothing more of it.

The cold, hard facts are staggering. One-third of food produced globally is wasted and that equates to 1.3 billion tonnes while a quarter of our water supply is used to produce the food we eat. Many of us are making a change when it comes to other challenges we are facing as a global community, such as plastic or energy consumption, but food waste has perhaps, not gained as much attention as these other issues.



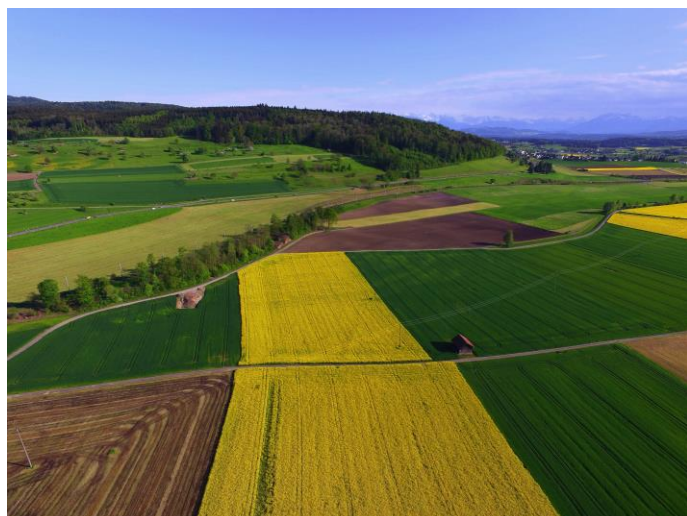
# Environmental Impact



## Water Usage

The entire process of growing, harvesting and manufacturing food is one that utilises a lot of fresh water. Water is precious to us and there is no denying that we are using a lot of it and in some parts of the world, water is a resource that has to be rationed and not used needlessly. Water usage itself is a global problem and food loss and waste is contributing to it.

When you consider that 70% of the palatable water on earth is used for drinking water for livestock or for crop irrigation, it brings the whole problem of food waste into perspective. Again, the figures are alarming, with 125 litres of water being used to grow one apple or 15,400 litres of water is needed to grow 1kg of beef. This is an incredible amount of water that is used on an annual basis, much of which is wasted, adding to the misery of global food waste.



## Land Use and Natural Habitats

The land on earth is precious, valuable and limited, yet 28% of the world's agricultural areas are utilised for the production of food that goes to waste. This causes problems with the quality of the land but also the need to clear land to make way for space to grow crops.

The sheer size of global food production is phenomenal, especially when you consider that a land mass greater than the size of China is used to grow the food each year that does not get eaten. This is land that has been developed to the point where rainforests have been destroyed, species have been driven out of their habitat of which many have been driven to extinction, while indigenous populations have been moved from their homes. All of this is done to produce food that simply gets wasted.



## Manufacturing, Packaging and Energy

The food we eat goes through a significant manufacturing process. This would include the likes of crops being turned into specific foods or the processing of meat. This entire manufacturing process requires a lot of energy and it utilises a number of resources and a large portion of the food that leaves this process goes to waste. This is where food waste becomes a global issue on another level because of the wasted resources and harmful gases that are emitted as part of the process.

Of course, a great deal of the food we eat comes in plastic packaging. We are all aware of how much of a problem plastic is for the environment. So, the production of all of this plastic is an issue in itself but the needless waste it produces that gets thrown into the oceans or dropped into landfill becomes an additional problem that is underpinned by food waste. If we produced less food, it would lead to less waste and a reduction in plastic packaging.





# The Moral Aspect of Food Waste

Food waste is also considered to be a global problem because of the number of people who are suffering from starvation in the world. Around 800 million do not have access to food in the same way as people in developed countries. This means that 1 in 9 people in the world are starving or malnourished.

However, each person could be fed on under a quarter of the food that goes to waste in the UK, Europe and the USA each year. What might also surprise many is the fact that hunger is not just a problem for people who live in under-developed countries because it is a problem for these same, developed countries. There are many people living in 'food poverty' and all that wasted food could ensure that almost every person on the planet has access to the right nutrition.





# Here is What We Can Do to Make a Difference

By 2050, it is estimated the population of the world is going to increase from 7.6 billion to 9.8 billion. Food produced globally is going to struggle to keep up with this growing population while food waste is going to grow proportionately, especially if nothing is done to solve the problem.



## Reduce Loss in Certain Areas of the Process

There is a significant amount of food waste or food loss seen during the life span of food from the moment it is grown to the moment it reaches consumers. The aim here is to reduce loss by improving training for farmers as well as making improvements in infrastructure. There are new refrigeration technologies available as well as renewable energy sources that can reduce food waste.

Solar-powered refrigeration systems can reduce waste by dealing with disruptions in the chain while new coatings that can be placed on produce help to control the amount of water and carbon dioxide that fruit releases. This also controls the amount of oxygen that enters the fruit, helping it to stay fresher for longer.

As new technologies emerge they can give suppliers more time to deliver goods, while also giving consumers more time to use it, therefore, increasing the time it takes for food to spoil.



## Donate Surplus Food

This is an area that supermarkets need to make an improvement in because donating unsold goods can significantly reduce the amount of waste. There are a number of supermarkets in the UK that are already working with platforms that notify local charities when surplus food is available.

In France, great strides have been made in dealing with surplus edible food as it is illegal for supermarkets to discard unused foods and they are required to make regular donations. In fact, there are now supermarkets that sell excess food that has been discarded by other markets, where consumers can purchase food that is past its sell-by date but is still considered safe to eat at a fraction of the cost.

These are all promising signs, but a transparent approach is needed within the supply chain to reduce unused food. This could be as simple as improving communications with farmers so that they do not overproduce foods.







## Turn Food Waste into Usable Goods

There are initiatives in place that make use of food waste such as turning coffee cherries into flour or creating ale from leftover bread while food waste can be used to produce household energy. This is a great way to make use of perishable items that are not suitable for consuming yet they can be put to use in other ways, reducing the need for duplication in the production or supply chain.



## It All Starts With Education

Essentially, dealing with the problem of food waste comes down to education. This can begin at the starting point of the production process and it filters through the entire chain until it reaches the consumer. The food industry can improve labelling and dates to increase consumer awareness as there are some foods that are still fine to eat beyond the dates on the packaging.

Improving education and awareness for food waste will certainly draw attention to the problem of food waste and will make everyone aware of just how much of a problem it really is. Once the problem has been acknowledged both on a global scale and on a supply chain level, only then can the correct changes be implemented to reduce food waste which is a growing and worrying problem.

In IAAS we had our Global Projects called No Food Waste. We all know how much food can be wasted when cooking, so we want to encourage people to take advantage of all the leftover ingredients or materials that are left after preparing a dish. Snap Food Challenge is what we did everyday to keep increasing awareness for eating every food that we ate until we can clean our plate.

## References

1. <https://www.trvst.world/inspiration/why-is-food-waste-a-global-issue/>
2. <https://www.ozharvest.org/what-we-do/environment-facts/>

**Written by:**  
**Festus**



# IAAS Partners

## *Events*

UniLaSalle  
Terre & Sciences





# 9th ICA Rectors and Deans Forum 2019

## Collaboration between European & African Life Science Universities for a Sustainable Future

October 24<sup>th</sup> – 25<sup>th</sup> , 2019 (Beauvais, France)

By Lena Garino (IAAS France)



### Introduction

The 24 and 25 of October, I have represented IAAS World at the ICA Forum in UniLasalle in Beauvais. The organisation was held by the last year students of Beauvais. They are really sympathetic, and I explained them a little what was IAAS. Many directors of European and African universities were present at the forum. The subject was the cooperation between European and African universities for research and education. The goal was to identify the mutual benefits that can emerge from a cooperation between Europe and Africa and how to achieve it through projects. In this report, I will resume the program of Thursday and Friday and focus on the points that I found interesting. Then, I will write some thought that I had during this event.





## Introduction to the forum

The forum will put the steps to achieve the objectives of the Agenda 2030. To do this, the partnerships between Europe and Africa will face challenge and will have to grab opportunities. There is not a unique answer to these issues, but each continent can bring its own perspective and knowledge.



## Africa and Europe cooperation in building a sustainable African agri-food sector, Tom Arnold, EU commission task force for rural Africa

There has been an increase of the relations between Europe and Africa. For example, the African Union commission and the European Union commission meet every year.

Africa is a continent which will face many changes over the next decades. Indeed, it's a diverse continent divided in 3 main regions: North Africa, Sub-Saharan Africa and South Africa. Its population has doubled over the past 30 years and is projected to double again by 2050. It will face challenges concerning nutrition, education and health. To achieve it, four long term recommendations has been made during the 3rd African-EU agricultural ministerial meeting in June 2019:

- To adopt a territorial approach in planning for income and job creation
- Sustainable land and natural resource management and climate action
- Development of the African food industry and food markets at 3 levels: people to people, business to business, government to government

It is important to define the future political relationship between Africa and Europe. As the Cotonou agreement end up in 2020.

## Overview of challenges facing African agriculture and life science universities towards 2030:

**Perspectives from South/Southern African region, Daniel Brink Stellenbosch university South Africa**

The goals of African universities for 2030:

- Respond to a demand for affordable, accessible and good quality education
- Increase the focus on science, technology, engineering and agriculture
- Increase the flexibility and transform the way of teaching
- Change the nature of funding models

The challenge and objectives of the African universities:

- High cost of education: reduced government funding => Diversification of the funding model
- Competition/globalisation: importance of international network => International partnership
- Multiple stakeholders: divergence of stakeholder interest (private funding) => Public/private partnership
- Complexity of research and innovation agenda => balanced research and innovation agenda

In Africa, agriculture is seen as old. Young people want to be seen as dynamic professional such as doctor or lawyer. There is a need to shift from rural intensification to a rural diversification. With a change from subsistence agriculture to profitable agriculture. If you increase the value chain of agricultural products you will attract young people. To achieve it, a clear and consistent policy is needed.



## Overview of the challenges facing European agricultural and life science universities, and do they see their development to 2030, Alex Evans university college of Dublin

The challenge of the universities:

- The issues are more and more multidisciplinary: there is more and more to learn
- Hire the best people to do the best research “war for talent”
- Have the best facilities and equipment
- Funding model are changing

The global challenge in agriculture:

- Climate change diseases
- Anti-microbial resistance
- Growing population: 9.8 million people by 2050

The challenge the emerge from these two areas:

- Be more international but travel less
- Be more collaborative but more business like
- Be more elitist (to have the best people) but more inclusive



## Agrinatura: European and African life science universities – Structures and aims of partnerships

European and African universities have similar goals and problems:

- Attract the brightest students to science/agriculture
- Integrate cutting-edge research with education

The goal of the Agrinatura network is to generate knowledge. They consider that understanding different contexts makes better problem solvers. 35 universities and research organizations from 16 European countries belong to Agrinatura and all of them have many partners.

VCA4D (Value Chain Analysis for Development) is a program created by the European Union where 4 persons from different countries will work together to solve a problem.

## Midday break and visit of the experimental farm of the campus

During the midday break, we had the occasion to visit the experimental farm of UniLasalle, see some robot prototype build by the students and 3D printing machines.



## A vision for EU engagement with Africa in agricultural research, Marc Duponcel, EU Commission, Brussels

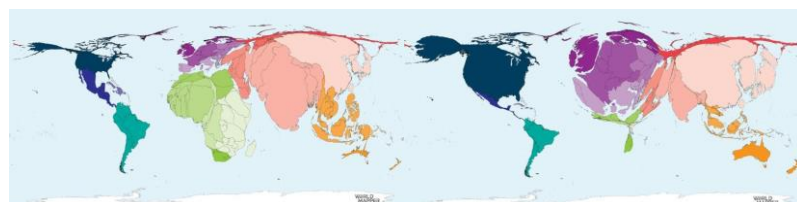


Figure 1 The world population by 2050      Figure 2 Scientific papers published in 2016

LEA4P: Basis for a common research agenda between European and African life science universities:

- Sustainable intensification
- Agriculture and food systems for nutrition
- Expansion and improvement of agricultural markets and trade
- Common research and innovation area

The goal of the Horizon 2020 program was to boost EU-Africa research and innovation partnerships on food and nutrition security and sustainable agriculture. For example, on the issues of sustainable intensification pathways of agro-food systems in Africa and diversification of revenue in rural Africa through bio-based solution.

After this session, there was an intervention from the French agricultural ministry which underlined that cooperation with Africa is important for France.



**LEAP4FNSSA: Towards a Europe Africa research and innovation (R&I) platform for joint action in science, technology and innovation on food and nutrition security and sustainable agriculture (FNSSA), Philippe Petithuguenin, CIRAD, France**

In a partnership, there must be funding and positive impacts on both sides. It is hard to achieve as there are huge differences between socio-economy of Europe and Africa. There are also huge differences between African countries. The partnerships of this program begun between Europe and Maghreb + Egypt but now they want to extend it to West Africa. To achieve it, they need new founding instruments such as private actors but work together is difficult.

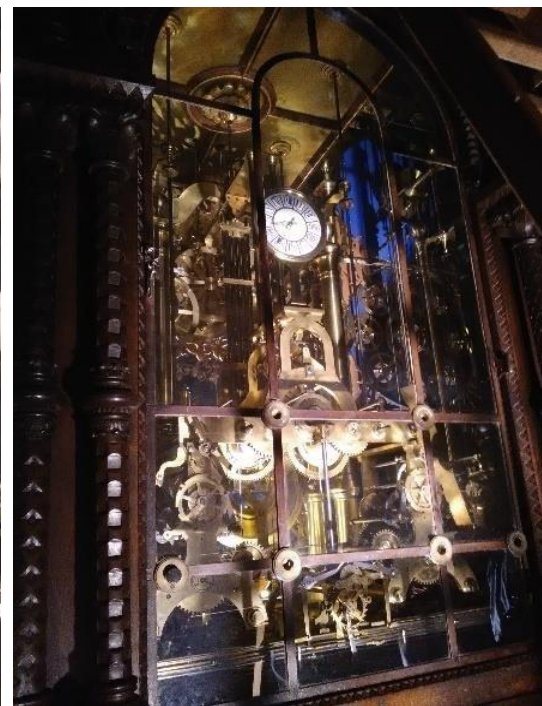
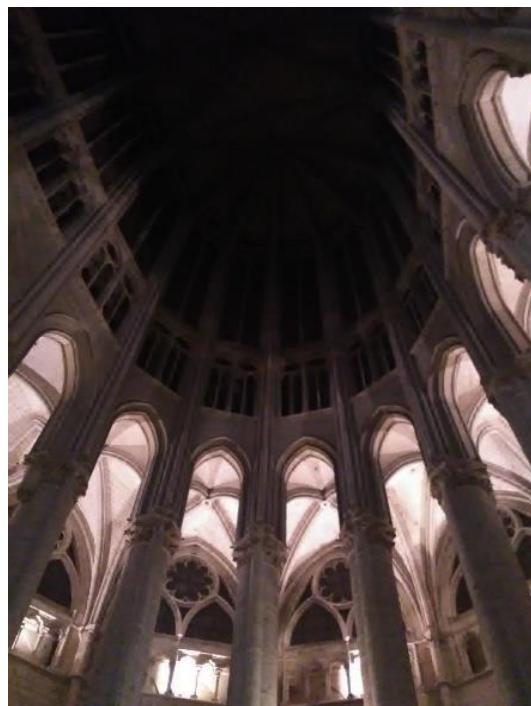
The FNSSA roadmap includes a cross-cutting priority on R&I capacity strengthening. The proposed platform will be opened to all European and African universities willing to align their activities to the FNSSA roadmap and to increase their collaboration (between continents and between institutions).

**Building a sustainable model for doctoral training, research and innovation capacity in Sub Saharan Africa: the PASET RSIF, Julius Ecuru, International Center of Insect Physiology and Ecology (ICIPE), Kenya**

The goal of ICIPE and their BioInnovate Africa program is that by 2063 Africa be prosperous, peaceful and contributing to the global development in a sustainable way. The PASET RSIF initiative is a PhD scholar student project. For the first year, 15 students were selected from 1030. For the second year they were 50. The idea is that the student begins its PhD in its African host university, then go to an international partner institution and finally come back to the African host university to achieve its thesis.

## Roundtable and visit of Beauvais cathedral

The roundtable discussion was about the benefits that Africa can have from Europe and that Europe can have from Africa. At my table, the exchange of knowledge was evocated with the idea of bringing more technologized solutions from Europe to Africa and more practical solutions from Africa to Europe. Doing research is also cheapest in Africa than in Europe and exchange program for students (like Erasmus) and staff were evocated. After that, we went to Beauvais city centre and visited the cathedral which was erected in the XIIIth century and has the highest vault in Europe (48m).





### **Austrian – African university network: engagement for mutual benefit for a sustainable future, Hubert Hasenauer, university of natural resources and life sciences, Vienna (BOKU)**

Example 1: Land use change and its consequences for sustainable development in the Amhara region, Ethiopia

Decrease from 40% to 10% of the forest in Ethiopia due to:

- The growing population which depends on forest
- Land use change for agriculture

Removing forest erodes the two topsoil layer which contains about 40% of the C and N pools. Potential reforestation area: 3.4 million ha suitable

Carbon storage if everything is replanted:

- 177 Tg of C in total
- 11 Tg in the soil
- 166 Tg in the above ground

Example 2: Sustainable management of water and fish resources in Burkina Faso

Fish species decrease with the human pressure. There is a high traditional knowledge about water and fishes but little scientific knowledge on water ecology and human impacts. The BOKU university also do professor and student exchanges, promote joint projects, network and organize conferences.

### **Unlocking the hidden potential of Sub-Saharan universities, Pascal Boeckx, Ghent university, Belgium**

Constraints for agriculture in Africa:

- Soil and climatic constraint: drought and warming, poor mechanisation, nutrient deficiency
- Economical constraint, for example Nigeria has a weak business potential but a high agronomic potential
- Not enough agricultural research intensity: the attainable investment targets are not reached, the current spending on the continent is 2.5 billion dollars with 1.4 from Nigeria and South Africa and the growth of 0.8 billion between 2000 and 2014 was mainly for salaries
- Aging farmers: 60% in Ghana and 40% in Ethiopia of the farmers are above 50 years old

Opportunities:

- Public-private cooperation fore economic, social and environmentally sustainable commercial crops (cocoa, coffee) but also staple crops (wheat, cassava, maize)
- Improve rural innovation capacity, rehabilitate and maintain infrastructures, create networks
- Twinning sandwich PhD: low investment (150 000 euros) / high gain

### **Future EU-African collaboration: What will it take? Achille Assogbadjo, university of Abomey-Calavi, Cotonou**

Africa today:

- GDP grow at rates faster than global since 2015
- The population is getting younger
- It is increasingly urbanising

Universities in Africa today:

- On 30 000 graduated students, 1000 will find a job
- There had been many collaborations between Europe and Africa but there are still problems
- Low scientific activity and mostly concentrated in South Africa

Solutions:

- To focus on STEAM: Science, Technology, Engineering, Agriculture, Mathematics
- To do professional internship programs: after a professional internship 50% of the students get a job where they were working
- Invest in laboratories, start up, do joint publications: they take the example of South Korea whose GDP was less than Soudan in 1961 and more than 20 times superior in 1995 because they invest in new technologies

### **Changing minds and promoting the social-biophysical interface-rethinking South-North academic cooperation, Luis Artur, Eduardo Mondlane university, Mozambique**

Agriculture in Africa:

- Low inputs: 5% of farms use certified seeds used, 2.5% use pesticides, 3.75% use fertilizers and 2% have mechanization
- Deforestation is a big problem with 155 000 ha deforested per year within 65% due to agriculture

Good news:

- Africa has by far the strongest growing scientific production
- Astonishing growth of authors (48%)
- More PhD chose to stay in Africa
- More money is going to research

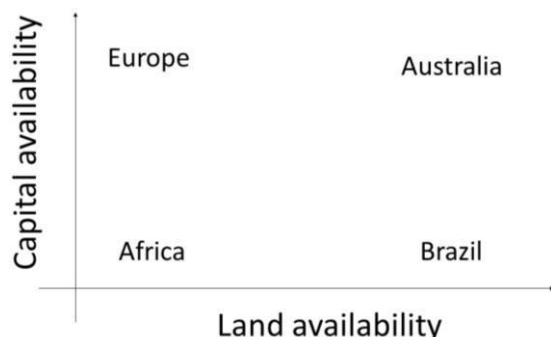
Possible cooperation themes:

- Gender, climate change and agriculture
- Transition from low inputs to high-tech: long term environment and climate change implication
- Global farming mobility and governance in Africa
- Global farming mobility and invasive pests and diseases
- Agri-food chains and African food security



**Future opportunities for bi-directional learning in Europe-Africa university collaboration, Ken Giller, Wageningen university and research, Netherland**

National food security requires an abundant supply of cheap and nutritive food for the burgeoning urban population. Agriculture is a major contributor to the balance of payments for African economies.



Development programs:

- Interdisciplinary trainings (on-site courses)
- Competence and skills training for PhD candidates and staff
- Massive open online courses
- E-conference: carbon free and inclusive

Mutuality in collaboration requires mutuality of opportunities

Challenges:

- The "Digital-divide"
- The downside of open access: predatory journals
- Who decides the agenda for research and policy?

# Remarks

- Unilasalle Beauvais valorise the student associations much better than my engineer school. For example, there is a cooking club in Unilasalle Beauvais and they prepared some cakes for the members of the forum. So, the people invited at the forum discover that there is this association in UniLassale. Whereas there is a cooking club in the ENSAIA but the students of the school only gather to cook together so somebody out of the school will never know that there is a cooking club at the ENSAIA. It is the for brewery and wine tasting associations.
- The students from UniLasalle are really sympathetic and the organisation of the school is really similar to the ENSAIA but as one is public and the other private, they belong to different network. I think that it is a shame and we could do some stuff with them.

**Next ICA Forum: the 22nd of October 2020 in Leuven, "Gap for a sustainable world (US, Canada)"**





A photograph of three young adults standing in a grassy field with trees in the background. On the left is a woman with glasses and a patterned scarf. In the center is a man in a dark jacket. On the right is a man with glasses wearing a blue shirt and a dark blazer. A large green banner with white text is overlaid across the middle of the image.

# EB Space!

*What we have done?*







## EB Strategic Meeting

October 7<sup>th</sup> – 12<sup>th</sup>, 2019 (Leuven, Belgium)

EB Strategic Meeting for EB IAAS World 2019/2020 last from October 7<sup>th</sup> – 12<sup>th</sup>, 2019 in our beloved Headquarters of IAAS in KU Leuven, Belgium. We've been discussing many things in this strategic meeting and build our visions to achieving a better IAAS for the future and for the society.

Many thanks for IAAS Belgium for accompanying us as we doing our meeting in here. We hope you guys can have a lot of better experiences with our new implementation for IAAS.



## World Food Day

October 16<sup>th</sup>, 2019



To commemorate the World Food Day, IAAS now will always giving more awareness through social media engagements to keep everyone in IAAS or society can understand the importance of No Food Waste.



Check for more in our Instagram and Facebook:  
**@iaas\_world**





International Association of Students in  
Agricultural and Related Sciences  
**GREENBOOK**

## Introducing you IAAS World Greenbook & Brand Guidelines

The purpose why we created **Greenbook** is to increase our members awareness about IAAS knowledge and everything about it. This is because there are still many IAAS members who do not understand with IAAS itself as an International Association. So that's why with this **Greenbook**, we hoping that every IAAS member can understand about the IAAS knowledge and also on how they can implements IAAS Life in their life.

Also we created the **IAAS Brand Guidelines** which is supposed to help every IAAS member who working with any kind of communication things such like making content for social media, do marketing stuff with many promotional tools, and even to do market research in order to discover a new committee in your country! Basically, this **IAAS Brand Guidelines** purposes is to improve the **Brand Exposure of IAAS in every committee in the world with the same standards as IAAS had.**

We hoping with these two "Weapons" for every of you can able to create and build our Brand of IAAS more well-exposed in the society.

**CHECK THIS LINK FOR MORE!**

**[Bit.ly/IAASBrandingKit](https://bit.ly/IAASBrandingKit)**



## New IAAS Branch Instagram



@exproiaas

Is a program that gives opportunities to all students in every IAAS active country for doing internship abroad in the field of agrocomplex. Students can learn and experience things that cannot be learned out of course books and get practical skills while discovering another culture.



@humansofiaas

Is a platform where all IAAS member can share their story and experiences as they having their journey in IAAS. The purpose is to increase the member motivation to keep them motivated by every IAAS story and experiences that everyone in IAAS shared.





# Upcoming IAAS Events!

*You shouldn't miss*







## EXCHANGE COORDINATOR MEETING 2020 HOSTED BY IAAS BELGIUM



After we received a cancellation statement letter from IAAS Chile due to the several circumstances, with the help from every IAAS member we can finally have our host for the ExCo Meeting 2020 which is IAAS Belgium as from the vote from every IAAS country. Exchange Coordinator Meeting is an yearly event held by IAAS World as for the Summit for every ExCo from every IAAS country for having a General Assembly and Meeting for the Exchange Program in IAAS.

Application is not yet opened. But for everyone of you especially Exchange Coordinators, keep stay tuned with us and prepare yourself for the events in the next end of March 2020! See you in Belgium!

**APPLICATION WILL OPEN  
THIS DECEMBER 2019!**

## INTERNATIONAL CONFERENCE FOR YOUTH IN AGRICULTURE HOSTED BY IAAS SERBIA



International Conference for Youth in Agriculture (ICYA) is a 4 day, science-oriented event, covering a specific topic (or a set of specific topics). Its main structure is divided into two parts is focus on:

1. Bringing up new innovative projects, ideas, youth movements.
2. Creating statements and expressing the voice of students on particular topics.
3. Fostering and facilitating the debate and dialogue between students from all over the world.
4. Giving the opportunity to every student to apply and participate in the Conference regardless whether he/she is a member of IAAS or not.
5. Collaborating with new partners/sponsors, Universities and NGOs. Participants are internationally active young leaders

**APPLICATION WILL OPEN  
THIS DECEMBER 2019!**



# IAAS ALUMNI MEETING 2020

Venice, Italy

**Welcome to Venice to see old  
friends and join the Venice  
Carnival 2020!**

CHECK HERE FOR MORE  
INFORMATION!

<https://www.facebook.com/events/473526600180749/>



**OR VISIT OUR  
FACEBOOK TO  
FIND OUT MORE!**

**IAAS**





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