



Global Plant Council Annual Report 2018–2019

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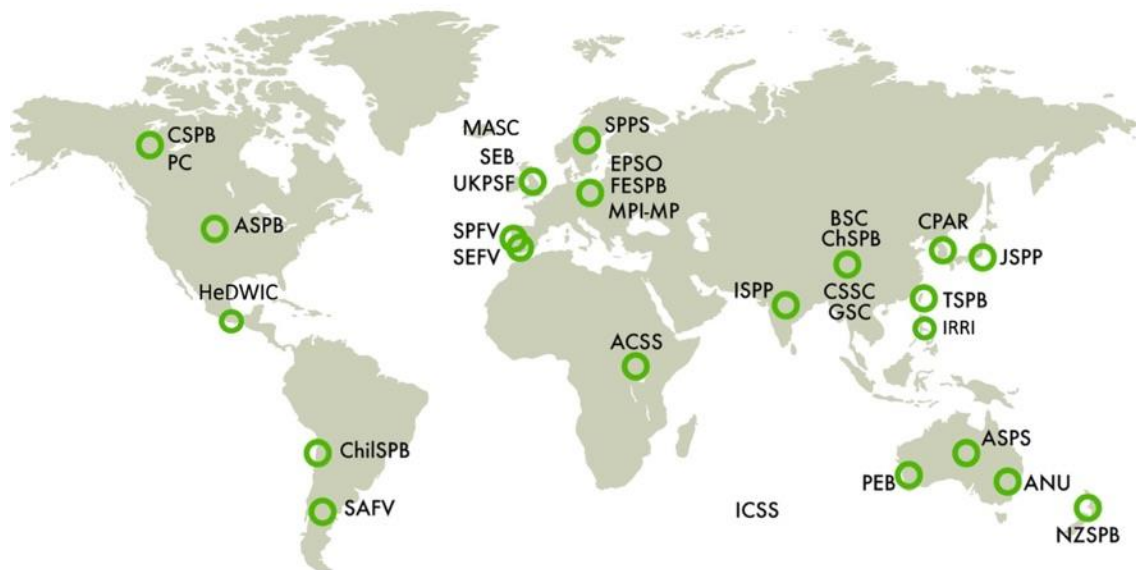
The Global Plant Council

The Global Plant Council (GPC) is a coalition of national, regional and international societies representing plant, crop, agricultural, and environmental sciences across the globe, representing thousands of experts its 30 members.

GPC promotes plant science across borders and disciplines: it aims to support those directly involved in research, but also in education and training, to increase awareness of the key role of plant research in science and society.

The GPC's mission is therefore to:

- Facilitate the development of plant science for global challenges;
- Foster international collaborations, and enable the effective use of knowledge and resources;
- Provide an independent and inclusive forum to bring together all those involved in plant and crop research, training and education.



Map showing the distribution of Global Plant Council Member Societies

GPC Report 2018-2019

New members

Less than a year has passed since our last annual meeting in November 2018. Lots of things have happened during this time. To begin with, 3 new members have joined:

- [IRRI](#): The International Rice Research Institute (IRRI) is the world's premier research organization dedicated to reducing poverty and hunger through rice science; improving the health and welfare of rice farmers and consumers; and protecting the rice-growing environment for future generations. IRRI is an independent, nonprofit, research and educational institute, founded in 1960 by the Ford and Rockefeller foundations with support from the Philippine government. The institute, headquartered in Los Baños, Philippines, has offices in 17 rice-growing countries in Asia and Africa, and more than 1,000 staff.
- [HeDWIC](#): The Heat and Drought Wheat Improvement Consortium (HeDWIC) is a network that facilitates global coordination of wheat research to adapt to a future with more severe weather extremes, specifically heat and drought.
- [MASC](#): The Multinational Arabidopsis Steering Committee (MASC) is composed of representatives from each country with major efforts in Arabidopsis research or coalition of countries with smaller programs. It is open to any country interested in participating. Selection of MASC representatives is left to the discretion of each country. The MASC meets once a year in conjunction with the International Conference on Arabidopsis Research (ICAR).

The addition of MASC to the GPC family opened up the door to our participation to join ICAR2019 where the GPC AMOM 2019 will be held.

Social media highlights

After the 2017-2018 period where GPC assumed a low profile, things have changed. GPC has continued its strategy of publishing plant science news on a daily basis in its website, however rising the effort on its social strategy.

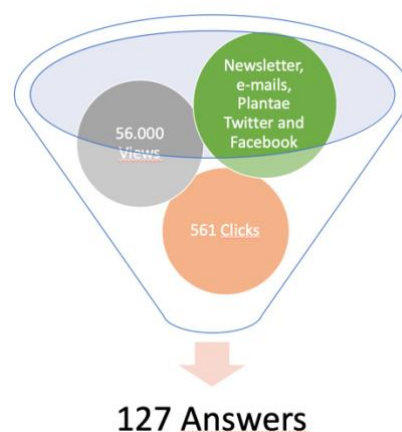
Last year, by May 2018, GPC was present in the 2 mainstream social networks (Twitter and Facebook) with 2 devoted accounts Twitter and one page in Facebook, gathering 7.655 followers altogether. However, beginning September 2018, GPC changed its social strategy. First, by increasing the posting rhythm in the established networks. And secondly, by opening new channels in Slideshare, LinkedIn and Instagram. This has allowed GPC to go from **7.655 to 12.625** followers by the end of May 2019, more than doubling its overall impressions and impact, going on from 108.500 to 255.476 monthly impressions in social media (Table 1).

Table 1. Monthly indicators comparison May 2018- May2019

| Platform | May 2018 | | May 2019 | |
|--------------|--------------|----------------|---------------|----------------|
| | Followers | Impressions | Followers | Impressions |
| Twitter | 6.456 | 108.000 | 8.022 | 196.000 |
| Facebook | 1.164 | 500 | 3.221 | 47.326 |
| LinkedIn | - | - | 1.225 | 7.500 |
| Others | 35 | - | 157 | 4.650 |
| Total | 7.655 | 108.500 | 12.625 | 255.476 |

Survey

In October 2018 a survey was launched, devised to understand how GPC members and the whole plant science community valued the efforts of GPC. This survey remained open for 10 weeks, and was distributed using the Plantae platform, emails, and newsletters and the social media channels from both GPC and a number of its members (ASPB, ASPS, SEB, SEFV and JSPP), gathering finally 127 answers.



Results can be summarized as follows:

As a whole, respondents were quite satisfied with the activities and channels that are used by GPC. In fact, respondents were particular satisfied with the website (57%), followed by Twitter (31%) and the newsletters (31%).

15% respondents declared to be dissatisfied with how meetings and workshops were being organized, particularly because it was difficult for them to attend. However, 66% of respondents declared not to be dissatisfied with any of the activities carried out.

When asked what kind of new initiative would they be interested in, 55% declared to be especially interested in GPC “setting up an Early Career Researcher Network”. In fact, when asked directly if they would consider this action of value 65% answered positively. It is worth noting that over 80% of respondents were over 35 years old, therefore not strictly ECRs themselves.

Early Career Researcher International Network (ECRi)

The early-career period is one of the most stressful stages for a researcher. Following the survey's results GPC has put in motion the **Early Career Researcher International Network (ECRi)**.

The idea behind the network is based on 4 essential pillars:

- job hunting,
- grant funding
- dissemination of research results
- and networking.

The network is not foreseen to have a single “physical” anchor, but instead, to be a set of activities specifically addressed to ECR. **For 2019 four activities have been already launched:**

1. **The monthly #plantscijobs “storm”** on Twitter. The principal GPC twitter account has, as for the end of May, **6,927 followers**. During one-hour, we tweet multiple job offers from the GPC principal Twitter account with the hashtag #plantscijobs

On the January 2019 the #plantscijobs twitterstorm, 31 tweets with over 100 job opportunities were posted reaching 27,000 impressions. Primary source are the **GPC members websites**, followed by other institutions and organizations.

2. **The Facebook group**, linked to the GPC Facebook page, has been created, in order to post resources related to plant science. Those posts are posted regularly, with the hashtags #plantscijobs, #plantscigrants, #plantsciprizes, #plantscinternships...

As for today, over **740 people** have joined the group from all around the world: USA, India, Pakistan, Brazil, Germany, Australia, UK, Italy, Egypt, Ethiopia, Ecuador, China...

3. **The first workshop on dissemination** will be on how to promote your science to the media and general public. This training will be part of the Arabidopsis Conference ICAS2019 in China.

4. **Finally, and in order to facilitate networking** among the ECR, GPC will intensify its use of [Plantae](#), as you know, a plantsci social platform that GPC helped to set up. Additionally, we have set up a mailing list where ECRs can sign-in [here](#).

Please contact Barry Pogson (barry.pogson@anu.edu.au), Chair of the GPC and Isabel Mendoza (isabel@globalplantcouncil.org), Communications Officer with suggestions. Any offers of help in rolling out this network will be greatly appreciated. A brief summary of ECRi is available online on the GPC [blog](#).

Conferences, Meetings and Workshops

Two workshops organized by GPC have been accepted by the organization of ICAR2019 and will therefore be held in June 2019:

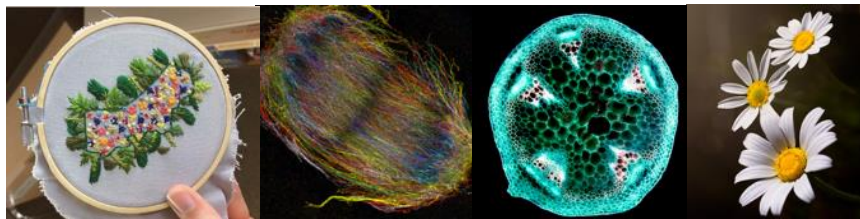
On the 18th June, the workshop “Role of the microbiome in sustainable agriculture” led by Prof. Yusuke Saijo and Prof. Deena Errampalli and the participation from Dr. Ruben Garrido-Oter and Dr. Kei Hiruma among others. This workshop will provide the participants with up-to-date knowledge on the role of the microbiome in sustainable agriculture, enabling them to learn and adopt different microbiome-based approaches to crops in their respective countries.

On the 19th June, the workshop “**Communicating your science to the broader community**” led by Dr. Isabel Mendoza and the participation from Dr. Mary Williams,

Dr Geraint Parry and Dr Fei Ding. This workshop will provide participants with the necessary skills to increase the impact of their own research by understanding the rules of science communication to the public and how to profit from the more commonly used online channels.

Fascination of Plants Day 2019

On occasion of the Fascination of Plants Day 2019 on 18th May, GPC launched the #PlantSciART competition, an online photo contest in partnership with “Plants, People and Planet”. A total number of 22 participants took in this contest, with 28 contributions, either in Twitter or Instagram. Kindly provided by PPP, a total of three \$150 USD prizes will be granted to 3 outstanding contributions. Some of them are the following. Winners will be chosen and make public in the following weeks.



Entries by Twitter users BigGirlPlants, BioimagingDurh1, Helena_E_Arents and Nuriagc15

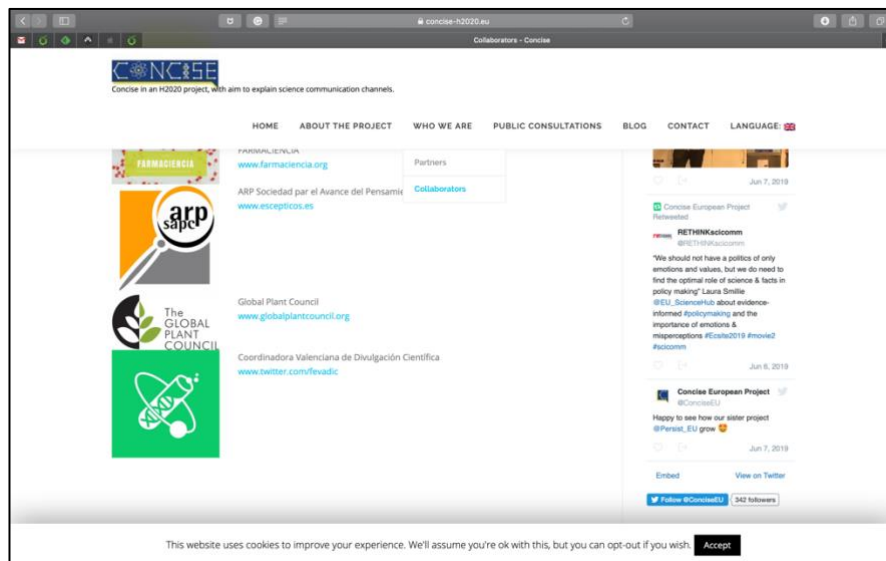
Science Communication project collaboration

CONCISE (‘Communication role on perception and beliefs of EU Citizens about Science’) is a research project that aims to generate a debate on science communication. Its main objective is to provide qualitative knowledge through a citizen consultation on the means/channels by which citizens acquire their science-related knowledge. For this purpose, CONCISE will explore the understanding of 500 citizens, regarding 4 selected topics:

- Two related with health (vaccines and complementary/alternative medicine use
- Food safety (including new breeding techniques and use of phytosanitary products)
- And climate change

The project requested GPCs help to reach the plant science in order to establish the climate change and food safety scripts. For that we requested the help from members through two e-mails. A number of researchers answered to this call with 30 suggestions that were forwarded to the CONCISE team. Some of the have been included in the final scripts that will be used at the consultations.

GPC is listed as a collaborator in the CONCISE project's website (<https://concise-h2020.eu>).



GPC Social Media and online presence

Education and Outreach

GPC website

The GPC website (<http://www.globalplantcouncil.org>) is the central stone of the GPC online communication strategy. It is daily updated with:

- relevant news press to keep the community up to date with recent progress
- a comprehensive events calendar for researchers to find meetings, conferences, workshops and symposia they can attend
- and a resources area that provides a range of useful information about awards and funding opportunities, along with other relevant links for plant scientists.

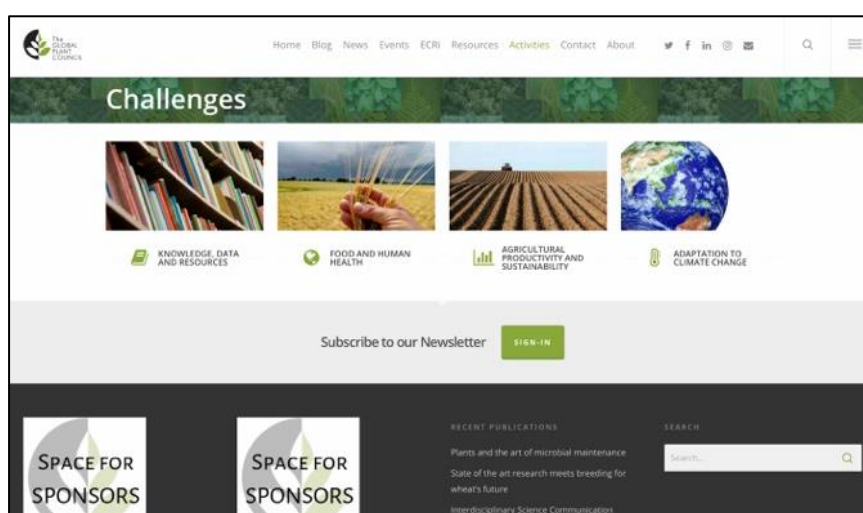
Since the last GPC AMOM, (November 2018) the GPC website has collected over 200 news items by the end of May 2019. The GPC website has been maintained by Isabel Mendoza. However, a new website has been in design since then. The beta version will be presented at the Annual AMOM for comments and approval. Nevertheless, find below these lines some screenshots.



Home page



Members page



Challenges page and footer

GPC blog

The GPC blog (<http://blog.globalplantcouncil.org>) was started in May 2014 to increase the GPC's visibility and to provide a community platform for raising awareness about current issues, highlighting new research, reviewing recent events and promoting Member Organizations and their work.

Last June (2018), the blog began malfunctioning and it we were not able to fix it until early March 2019. This period of non-availability made the visit count drop dramatically, however we are slowly getting back and May 2019 ended up with 545 visitors, 3 times more than in April, the previous month.

In fact, as a follow-up to the workshop held on global collaborations in Baltimore in November 2018, a blog series was started during May 2019, on occasion of the **Fascination of Plants Day**. Speakers at the workshop in Baltimore were asked to write a short text on their topic, ideal for a blog post format. Until writing these lines, **3 blog posts** for the series have been published:

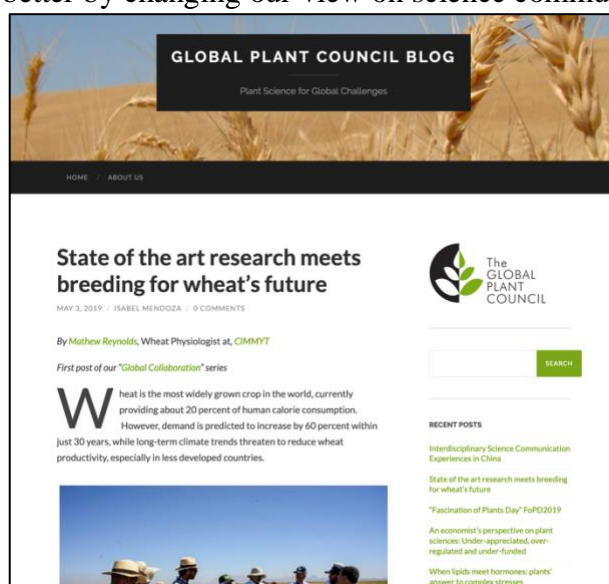
On the 3rd of May, a Mathew Reynolds article was published **on the results achieved on wheat thanks to the global collaboration, while presenting the challenges faced by this important crop.**

On the 10th of May an article by Robert E.Sharp was published on Interdisciplinary Science Communication Experiences in China, recounting the experience by graduate students and post-docs from both US and China that came together in Beijing for a workshop to discuss scientific areas of expertise ranging from wetland ecology to crop modeling.

On the 10th of June an article by Ros Gleadow was published entitle “Getting heard: impactful knowledge exchange” on science communication and how to communicate better by changing our view on science communication, from a one-way street (scientist

to general public) to a community engagement experience.

The series will continue during 2019, at least 3 other contributions are in development. You are kindly invited to check the whole series in the GPC blog or to contribute to the blog by submitting your interest to isabel@globalplantcouncil.org.



GPC Twitter accounts

Twitter is a useful form of social media that allows us to quickly and easily send out short

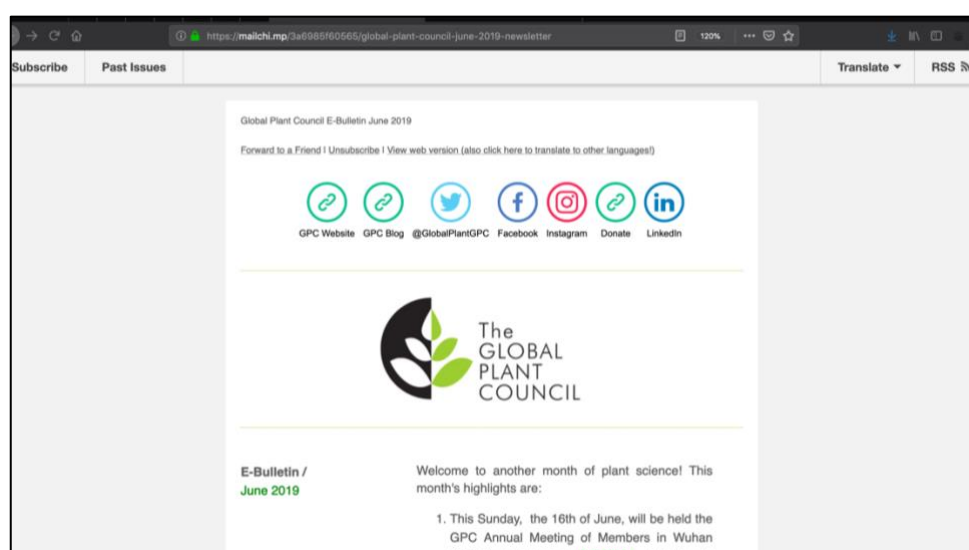


updates to the wider community. The GPC's main English-language Twitter account [@GlobalPlantGPC](https://twitter.com/GlobalPlantGPC) continues to grow in popularity: as of May 2019 it has **6,911 followers** compared to 5,439 May 2018– an increase of 1,472 followers, or an average of 122 new followers each month.

The GPC also has a Spanish-language Twitter account, [@GPC_EnEspanol](https://twitter.com/GPC_EnEspanol), which was initiated in April 2015. As of May 2019, this account had 1,111 followers.

GPC e-Bulletin/Newsletter

The GPC Newsletter (<http://tinyurl.com/GPCsignup>) is sent out every month to individuals from the plant science community who can subscribe via the GPC website. As of May 2019, the e-Bulletin had **1,308 subscribers**, and it is also circulated by some of our Member Organizations, either by forwarding the email directly to individual members, or by providing a link on the Member's website and/or social media pages. The Newsletter has been maintained by Isabel Mendoza, and provides a monthly summary of the vast amount of information published on the GPC website.

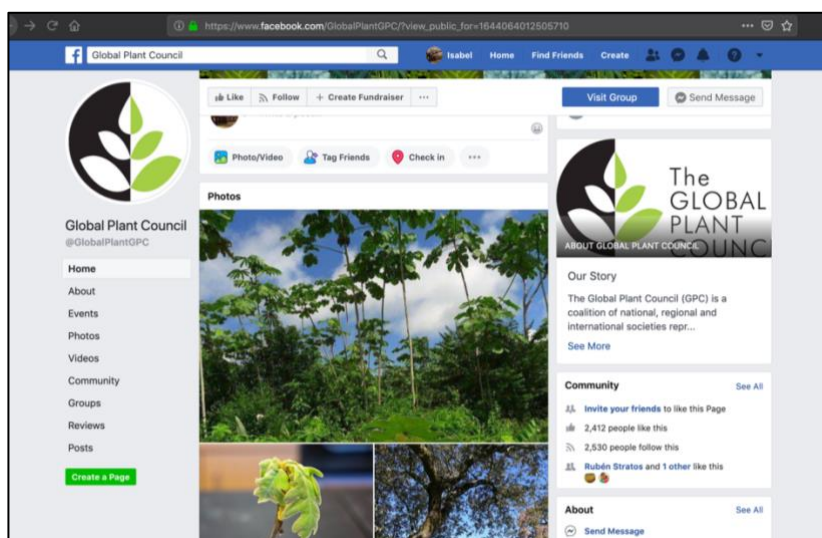


Outreach to Member Organizations

As well as the GPC Newsletter, which is sent monthly, to anyone who wants to subscribe to it, we have also established a separate mailing list specifically for Member Organization representatives, presidents, and other key MO contacts (over 100 contacts). This mailing list is used to disseminate specific information from the GPC and on behalf of Member Organizations. For example, different kind of reminders, the agenda of AMOM meetings, or introducing new members of the GPC staff.

GPC Facebook

Launched in August 2015, the GPC Facebook page (<http://www.facebook.com/GlobalPlantGPC>) now has **2,511 ‘followers (May 2019)**. The Facebook page is used to reach people who may not use Twitter or visit our website, and to create longer posts to make announcements, share interesting stories, and promote events from the GPC, our Member Organizations and the wider plant science community. Isabel Mendoza has been maintaining the GPC Facebook page.



In addition to the page, a group attached was started in November 2018, as part of the ECRi network. At the end of May 2019, 740 people have already joined the group.

GPC LinkedIn

LinkedIn is a social network launched in May 2003. As for today, LinkedIn is the world largest professional non-sectorial network with more than 150 million users in over 200 countries and territories. Many plant scientists are present in LinkedIn as well. Therefore, GPC has recently open (October 2018) two different profiles to increase our social reach: a standard profile (www.linkedin.com/in/globalplantcouncil) and a company profile (<https://www.linkedin.com/company/global-plant-council/>). By May 2019, 1,225 people are following either of the two accounts.

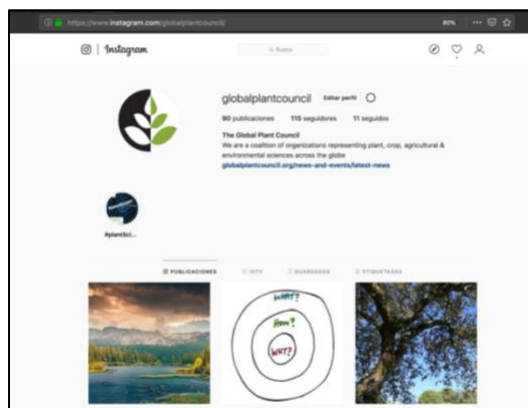
GPC Slideshare

SlideShare is a hosting service for professional content including presentations, infographics, documents, and videos linked with LinkedIn. After the last meeting in November 2018, the board decided to open a Slideshare account to make available and easily findable the presentations of meetings.

Link Here: <https://www.slideshare.net/GlobalPlantCouncil>

GPC Instagram

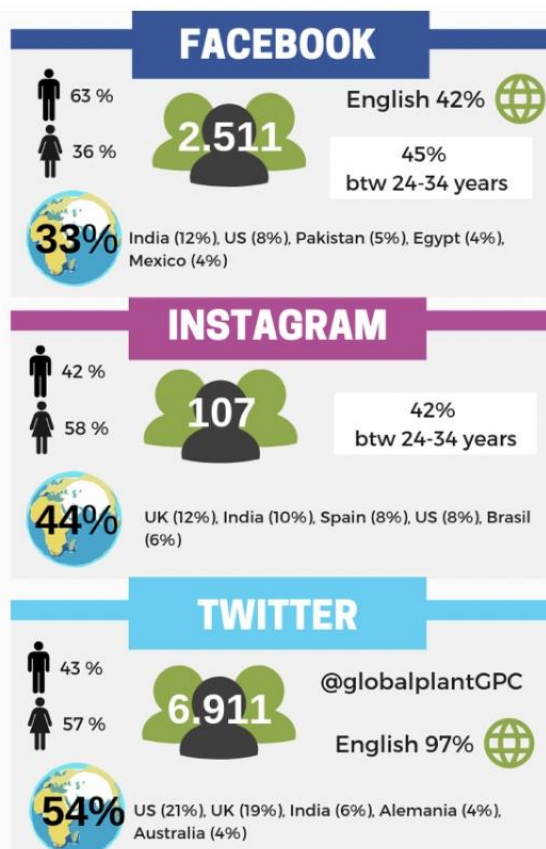
Instagram is photo and video sharing social network launched in 2010. As for June 2018 Instagram is reported to have 1 billion users and is considered the fastest growing social network. Regarding the users, 71% of them are below 34 years old. Therefore, GPC decided in March 2019, in time for the #plantsciART competition, to join Instagram, to be able to access more easily the younger generations of plant scientists. As for end of May 2019, 107 people are following the GPC account in Instagram.



Link Here: <https://www.instagram.com/globalplantcouncil/>

GPC Social Media visual summary

Breakdown of GPC's social media audience per gender, age, language and top 5 countries



Annex 1. GPC Member Organization Activity Reports

American Society of Plant Biologists (ASPB)

<https://aspb.org/>

<https://plantae.org>

<https://community.plantae.org/>

Name and email of current representative to the GPC

Virginia Walbot; walbot@stanford.edu

Name of current president

Rob Last

Term of current president

Oct. 1, 2018 – Sep. 30, 2019

Name and email of other member organisation contacts e.g. Executive Director, Vice President, General Secretary

Crispin Taylor; ctaylor@aspb.org

Member Report 2018-2019

ASPB has continued its focus on engaging early career professionals (ECPs), and has now appointed such individuals to most of its governance committees. Furthermore, an ECP is running in the 2019 election for president-elect. An extensive series of formal and informal networking and mentoring activities are in development for [Plant Biology 2019](#), which will be held in San Jose, CA from August 3 – 7, 2019, and ECPs are supported through a number of active networks on [Plantae](#). Direct professional engagement of ECPs in the Society's activities continues through efforts including the journals' [Assistant Features Editors](#) program, the [ASPB-Convivon Scholars](#) program (now in its second year), the [ASPB Ambassadors](#) program, and the [Plantae Fellows](#) program, among others. Reflecting ASPB's global footprint, all of these programs include ECP professionals in countries around the world.

ASPB has continued its active involvement in the [Plant Science Research Network](#), which recently held its capstone event aimed at crafting a second decadal vision for plant science research in the US. Although the focus of this work is national, representatives of analogous efforts in other countries were included in the summit event at which the outlines of the decadal vision were agreed.

An important transition is looming at ASPB's flagship journal, [The Plant Cell](#), as current editor-in-chief, Sabeeha Merchant, prepares to step down at the end of 2019. Sabeeha's

emphasis on further improving author services are bearing fruit, and the journal is seeing strengthening submissions and an increasing number of articles published. *Plant Physiology* published a [Focus Issue on Synthetic Biology](#) in early 2019, and is planning another on [RNA Biology](#) for early 2020.

ASPB's "third journal", *Plant Direct*, which is co-published with GPC member organization the Society for Experimental Biology and Wiley, continues to go from strength to strength. During 2018, it enjoyed continued high numbers of de novo submissions, as well as submissions that cascade into the journal from its partner journals, *The Plant Journal*, *Plant Physiology*, and *The Plant Cell*. More recently, the journal has surmounted an initial hurdle for indexing in PubMed Central, and we anticipate that content from *Plant Direct* will be visible in PubMed later this year.

As noted above, the Society is gearing up for its annual Plant Biology conference. The [five plenary sessions](#) are set, as are the [workshops](#); the full concurrent symposium agenda will be available shortly. In accordance with the conference location in the heart of Silicon Valley, there is a strong focus throughout the meeting on entrepreneurship, and we are encouraging start-up companies to exhibit and participate. Registration trends are ahead of last year, and abstract submission numbers were high, too.

Immediately following Plant Biology, ASPB is convening a satellite conference on [Plant Synthetic Biology](#), an activity that has been planned in synergy with the *Plant Physiology* focus issue.

Plant Biology 2020, which will be held in Washington DC from July 25-29, will feature an emphasis on science policy. This is timely, because the US will be in the middle of a general election cycle at that time, and the Congress will still be in session. Even so, the intention is to maintain an international focus in the policy arena.

Finally, ASPB is serving at the National Organizer for Fascination of Plants Day and will be publicizing its involvement and activities shortly.

Please consult the websites listed above for additional information on the diverse scientific, educational, mentorship, and other activities of ASPB.

ARC Centre of Excellence in Plant Energy Biology, Australia (PEB)

Name and email of current representative to the GPC

Barry Pogson, barry.pogson@anu.edu.au

Name of current Director

Harvey Millar, harvey.millar@uwa.edu.au

Term of current Director

2020

Name and email of other member organization contacts e.g. Executive Director, Vice President, General Secretary etc.

Member Report 2018–2019

The Australian Research Council Centre of Excellence in Plant Energy Biology (PEB) is focused on better understanding the way in which plants capture, convert and use energy in response to environmental change, with a view towards improved plant energy efficiency. Our vision is to enhance plant energy efficiency by simultaneously optimising energy capture, conversion and use in changing environments, in order to improve the sustainable productivity of plants.

PEB's exceptional research teams at our host Universities around Australia have continued to make major advances in cell metabolism and signalling regulation, stress response and transport, genome wide association mapping, plant genomics and ecophysiology. Our research is also aiding the Australian grains industry in their aims towards wheat improvement. Important milestone publications from the Centre appeared in print in 2018. Our role in unlocking the genome of wheat was revealed in a landmark series of papers in the journal Science. The availability of this high fidelity reference genome will help plant breeders and researchers to accelerate the development of new and improved varieties of wheat with specific characteristics such as higher yield and tolerance to environmental stresses. We have discovered roles for mitochondria in plants in places that wouldn't have traditionally been looked at. We've identified a role for them in touch responses in plants and in plant recognition of cold temperatures.

More than 30 Future Fellows, DECRA Fellows and International Fellowship holders have joined the Centre to develop their own research programs since it began. Major papers from these researchers have appeared in top international journals in 2018. In 2018, Clarivate Analytics Highly Cited Researcher Awards were announced for four of the Centre's Chief Investigators (Ian Small, Barry Pogson, Rana Munns and Harvey Millar).

Early and mid-career awards were won by postdoctoral researchers Caitlyn Byrt, Joanna Melonek, Stephanie Watts-Williams, Cornelia Hooper and Allison Pearson and several of our PhD students won prizes or awards for their leadership and research skills in 2018.

An increasing PEB Alumni - individuals who have spent important years of their careers at PEB - are now out in the world putting the ethos of blue sky research to the test or applying new knowledge to real world problems by modifying policy, regulation, public education and plant performance. This growing PEB diaspora is one of the most important legacies of the Centre moving into the future.

Argentine Society of Plant Physiology (SAFV)

<https://fisiologiavegetal.org/>

Name and email of current representative to the GPC

Dr. Fabricio Dario Cassán, fcassan@exa.unrc.edu.ar

Name of current president/director

Dr. Fabricio Cassán

Name of Member Organization

Asociación Argentina de Fisiología Vegetal (SAFV)

Website

<https://fisiologiavegetal.org/>

Name and email of current representative to the GPC

Dr. Fabricio Dario Cassán

fcassan@exa.unrc.edu.ar

Name and email of representative to the GPC in 2017 if different from above

Dr. Fabricio Dario Cassán

fcassan@exa.unrc.edu.ar

Name of current president/director

Dr. Fabricio Cassán

Member Report 2018-2019

Academic activities

Among the permanent activities of the ASAFV is the biennial organization of the Argentine Meeting of Plant Physiology (RAFV) and every 4 years the Latin American Congress of Plant Physiology (CLAFV). During 2018, both meetings took place in the City of Córdoba, Argentina, in the event called XXXII Argentine Meeting of Plant Physiology-XVI Latin American Congress of Plant Physiology. Thus, both the local and regional scientific community (South America) was convened, with the aim of promoting, disseminating and socializing scientific and technological advances in different areas of the discipline of Plant Physiology. Researchers, professionals, technicians and students related to the discipline enjoyed a high-level scientific program that informed about the state of the art and perspectives of the processes that regulate the growth, development and productivity of plants in interaction with the environment in a context of global climate change, which generates increasingly stressful conditions for both agricultural and natural systems. Both meetings had the particularity of integrating the different scales of study of plant physiology, covering processes at the molecular, biochemical,

physiological and ecophysiological levels. Likewise, the integration of the public scientific-academic sector with the private research and development environment and with the productive sector was also encouraged. The event counted with more than 500 participants that included researchers, postdoctoral students, doctorate and degree; technicians and producers, coming from different regions of Argentina and Latin American countries. Another of the objectives of the RAFV 2018 was the founding of the Ibero-Latin American Society of Vegetal Physiology, reason for which representatives of the Brazilian Society of Plant Physiology, Spanish Society of Plant Physiology, Portuguese Society of Plant Physiology, Society participated in the event Chilean Plant Biology. Under the slogan "Knowledge for sustainable, equitable and sovereign development", the event managed to integrate the knowledge of the different basic and applied areas of plant physiology, the active interaction between the participants and scientists of recognized international experience in the area. , and the linking of the scientific sector with agricultural activity in order to internalize about the related factors that limit the sustainable production of the systems. The different sections that made up the RAFV 2018 explored each one of the aspects of the physiology of the plants and the possible applications of the generated knowledge. The foreign guests were selected with the premise of adequately representing the different areas of the discipline, inviting to that end leading scientists in each of these areas, who exposed about the state of the art in the frontier of knowledge of the specialty. Special emphasis was placed on addressing the various themes that made up the organized symposiums.

Developed activities

The academic activities carried out within the framework of the XXXII Argentine Meeting of Plant Physiology-XVI Latin American Congress of Plant Physiology included the exhibition of plenary lectures, thematic symposiums, dynamic shows and poster sessions. In addition, satellite activities were carried out, which consisted of a symposium-seminar, a seminar-workshop and a symposium-postgraduate course, which are detailed below.

Satellite activities

1. Symposium / seminar: A Paradigm shift in academic publishing: Open Science, Preprints and Reproducibility in Science. Moderator: Humberto Debat (Researcher

IPAVE-CIAP-INTA, eLife Ambassador). This activity was attended by the following speakers: Dr. Randy W Shekman (2013 Nobel Prize for Physiology or Medicine, EiC eLife), Dr. Richard Sever (Co-Founder of BioRxiv, Assistant Director, Cold Spring Harbor Laboratory Press), and Dr. Casey Greene (Creator of the biOverlay preprint peer-review platform, developer of the collaborative authoring tool Manubot, assistant professor University of Pennsylvania).

2. Seminar / Workshop: Bio-inputs in Agriculture: regulation, production and use of biological products in Ibero-America. Moderator: Fabricio Cassán (Researcher CONICET / UNRC). The objective of this seminar-workshop was related to the discussion and analysis of the concept of "bioinsumo" or "biostimulant" for agriculture, from a physiological perspective. The use of this technology in extensive and intensive crops was analyzed, as well as the physiological bases that define the behavior of the different "concepts" included in the definition. We will try to correlate the current regulations with the typology and functionality of bio-inputs or biostimulants offered by the market in America and Europe. The discussion space was attended by representatives of the Argentine Chamber of Bio-inputs [CABIO] and the Advisory Committee on Bio-inputs for Agriculture [CABUA], companies dedicated to the production of bio-inputs and researchers related to the generation or evaluation of quality and Bio-input functionality.
3. Symposium / postgraduate course: "Resources acquisition and use by crops: Approaches to cope with water and nutrient stress". This activity was carried out in conjunction with the School for Graduates of the Faculty of Agricultural Sciences, National University of Córdoba. The speakers of this activity were: Dr. Kadambot Siddique with his paper: "Can we breed for efficient root system for water and nutrient uptake in crop plants?" and Dr. Fernando Salvagiotti, who spoke on "Acquisition and use of nutrients at the crop scale: Balanced Nutrition". The objectives of this symposium / postgraduate course were 1) to analyze the influence of the architecture of the radical system (RAS) on the acquisition of water and nutrients by crops; 2) show the advances in large-scale phenotyping of the radical architecture and its use in breeding programs; 3) to know the mechanisms of movement and transformations of macro and micronutrients in the soil-plant system and 4) to understand the

functions of the nutrients and the mechanisms that define the efficiency of the use of nutrients.

Works presented at the RAFV2018

More than 360 papers were presented, of which 352 were selected and accepted, with 325 exhibited in the poster mode and 27 in the oral modality.

Amount of participants

The total number of participants to the event was 559, of which 405 are SAFV members and 154 are non-members. Among them, national and international researchers, fellows and technicians from the agricultural sector. Taking into consideration the invited lecturers and the collaboration in the remaining academic activities, the XXXII Argentine Meeting of Plant Physiology - XVI Latin American Congress of Plant Physiology brought together participants from 14 countries (4 continents): Australia, Japan, Czech Republic, Germany, Spain, United Kingdom, United States, Colombia, Mexico, Chile, Brazil, Uruguay and Argentina (provinces of Buenos Aires, Chaco, Chubut, Córdoba, Corrientes, Entre Ríos, Misiones, Río Negro, La Pampa, Mendoza, Salta, San Juan, San Luis, Santa Fe, Tucumán).

The symposia consisted of two talks of 25 min each, by trained researchers, and two 15-min talks to be selected from the papers presented per topic. A book of abstracts was published in paper version in which the conferences, symposiums and papers presented are detailed. The book is called Book of Abstracts XXXII Argentine Meeting of Plant Physiology - XVI Latin American Congress of Plant Physiology. ISBN: 978-987-778-346-9. A digital version was published and is available on the official website of the Argentine Association of Plant Physiology (<https://www.fisiologiavegetal.org/src/index.php?frm=login&nxt=principal>).

Other Institutional activities

Within the framework of the Argentine Meeting of Plant Physiology (RAFV) the creation of the Ibero-American Federation of Plant Biology (FIBV) was finalized through the signing of a FRAMEWORK COLLABORATION AGREEMENT BETWEEN THE ASSOCIATION ARGENTINE SOCIETY OF VEGETABLE PHYSIOLOGY (ASAFV), THE ASSOCIATION OF PLANT BIOLOGY OF CHILE (ABVC), THE

BRAZILIAN SOCIETY OF VEGETABLE PHYSIOLOGY (SBFV), THE PORTUGUESE SOCIETY OF PLANT PHYSIOLOGY (SPFV) AND THE SPANISH SOCIETY OF VEGETABLE PHYSIOLOGY (SEFV). In the same, the associations express their desire to cooperate reciprocally in the programming of scientific activities, in the promotion and execution of tasks that require institutional support and in the mutual provision of activities that do the ends and objectives of each organization.

Australian National University (ANU)
<http://biology.anu.edu.au/research/divisions/plant-sciences>

Name and email of current representative to the GPC

Barry Pogson, barry.pogson@anu.edu.au

Name of current Head of Division

Owen Atkin, owen.atkin@anu.edu.au

Term of current Director

2019

Member Report 2018-2019

For over 72 years, the Australian National University has been the educational home to some of the most remarkable people from across the world: visionaries, influential leaders, researchers and individuals creating impact and change nationally, regionally and globally. The Research School of Biology was recently awarded the top categories by the Australia governments assessment of research excellence (ERA rankings of fives). The [Division of Plant Science's](#) research spans translation of genomic sequences and its encoded information to whole-of-system characteristics of plant form and function. Research in the Division is focussed around four themes: photosynthesis and energy biology; plant environmental biology & functional ecology; plant genetics and regulation; and, plant-microbe interactions. In all themes, the Division is increasingly linking fundamental research with translation outcomes. PS is one of the world's highest ranked plant science departments (2nd ranked in 2018 - ISI [Category Normalized Citation Impact](#) score) and is home to the 2018 [Kyoto Prize awardee \(Graham Farquhar\)](#).

In 2018 we recruited two new academics, Caitlin Byrt and Simon Williams. Both are emerging high flyers with Caitlin being awarded the Australian Society of Plant Scientist's prestigious Goldacre Medal in 2018 and Simon in 2019.

In 2018 the Centre for Entrepreneurial Agritechnology was established. This is Australia's newest agri-tech Centre committed to linking scientists, researchers, industry and entrepreneurs to create a better farming future. The Canberra-based centre gives access to state-of-the art facilities and equipment plus the opportunity to collaborate with world-leading professionals. All this is within walking distance of the Innovation Hub, which is already home to five technology businesses. The Centre is an initiative of the Australian National University and CSIRO, together with the ACT Government. The mission is to:

- Translate by building translation initiatives addressing key gaps in the pipeline linking research with product development and customers.
- Innovative with members of industry co-locating with researchers in a collaborative, connected community of future-focused innovators.
- Educate by fostering a culture of innovation in agri-technology through industry aligned seminars, training and placements.

Australian Society of Plant Scientists (ASPS)
<http://www.asps.org.au/>

Name and email of current representative to the GPC

Ros Gleadow ros.gleadow@monash.edu

Name of current president

Kathleen Soole kathleen.soole@flinders.edu.au

Term of current president

2 years

Name and email of other member organization contacts e.g. Executive Director, Vice President, General Secretary etc.

Honorary Treasurer, Dr Rosemary White, rosemary.white@csiro.au

Member Report 2018-2019

The Australian Society of Plant Scientists was founded on 19 August 1958 during an inaugural meeting at the University of Adelaide, so we have just turned 60. That early enthusiasm and a prevailing commitment to greater understanding of plant function remains undiminished and, with many talented young members joining us, the Society has no intentions of slowing down.

As a part of the “celebration party” Janet Wheeler and Georgia Koerber ran a series of six *Phytogen* blogs each 10 days in the 60 day lead up to ComBio2018, to celebrate each decade of ASPS in each blog. Many thanks to Janet and Georgia, and also to all people who contributed to these blogs.

To commemorate this milestone and celebrate our achievements, Functional Plant Biology will publish a special issue dedicated to ASPS. Our President-Elect Kathleen Soole has kindly agree to act as a guest editor for this volume.

Dr Catilin Byrt (Australian National Univ.) and Dr Eloise Foo (Univ. of Tasmania) were the winners of the Peter Goldacre and Jan Anderson Awards for 2018 and Prof Christine Beveridge (Univ. Qld) has received a highly prestigious ARC Georgina Sweet Australian Laureate Fellowship.

ASPS publishes a society newsletter, *Phytogen*, in order to reach our own members plus general readers with an interest in developments in Australian plant science. For content

submissions contact Editors - Dr Chris Cazzonelli (c.cazzonelli@uws.edu.au) or Georgia Koerber (georgia.koerber@adelaide.edu.au)

Canadian Society of Plant Biologists (CSPB)
<http://www.cspb-scbv.ca>

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Owen Rowland; owen.rowland@carleton.ca

Name of current president

Geoffrey Wasteneys

Term of current president

July 2017-2019

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Daphne Goring (Vice President), d.goring@utoronto.ca

Sherryl Bisgrove (Secretary), sherryl_bisgrove@sfu.ca

Member Report 2018-2019

Following the approval of the recommendations of the Equity and Diversity Taskforce at the 2018 CSPB business meeting on July 17th, 2018, the CSPB executive has amended and registered our By-Laws to reflect our new policies and to formally establish two new awards, the Carl Douglas Prize for Postdoctoral Fellows and the Mary Spencer Award for mid-career researchers.

In November 2018, CSPB held its Eastern Regional Meeting at the University of Western Ontario in London Ontario. The meeting organizing committee was chaired by Dr Danielle Way. CSPB has been very active in planning Plant Canada 2019, a 4-yearly joint meeting of 7 Canadian Plant Science Societies, which will be held in Guelph Ontario from July 7-11 2019. The theme of the meeting is Communicating Innovation in Plant Science. The meeting is expecting some 600 delegates, and will feature a keynote address by 12 plenary lectures by prominent speakers representing the interests of the 7 participating societies. As the chief organizers for this meeting, our current President, Geoffrey Wasteneys (University of British Columbia), is chairing the Scientific Program Committee, and our former Secretary, Barry Micallef (Guelph), is chairing the Local Arrangements Committee. Eastern Regional Director Robert Mullen (Guelph) and Barry Micallef are co-chairing the fund-raising committee.

Chinese Society of Plant Biology (ChSPB)

<http://www.cspb.org.cn>

Name and email of current representative to the GPC

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Weihua Tang , General Secretary ,whtang@sibs.ac.cn

Name of current president

Xiaoya Chen,xychen@sibs.ac.cn

Term of current president

2014.8-2019.7

Name and email of other member organization contacts e.g. Executive Director, Vice President, General Secretary.

Bing Leng (Deputy General Secretary) bleng@sibs.ac.cn

Yajie Zheng (Director of International Affairs) yjzheng@sibs.ac.cn

Member Report 2018–2019

With the mission to promote the research, education and popularization of plant biology and plant biotechnology, the Chinese Society for Plant Biology (CSPB) and its members have largely engaged in academic activities, science popularization, periodicals, international cooperation, talent recommendations and awards, education & training, etc. During the year of September 2018 to June 2019, the CSPB mainly activities are as follows:

- Academic Activities

National Congress on Plant Biology, Taian, China, October 18-22, 2018

World life Science Conference, Beijing, China, October 27-29, 2018

The 1st National Conference on Photobiology Beijing, China, October 26-28, 2018

Research and Teaching Forum on Plant Physiology and Molecular Biology on both sides of the Taiwan Strait, Nanjing, China, September 16-18, 2018

The 6th National Congress on Plant Biotechnology and Industrialization, Chongqing, China , December 20-22, 2018

The 4th International Symposium of Functional Food and Plant Metabolism, Shanghai, China, December 16-17, 2018

The 6th Symposium on Women Scientists in Plant Biology, Qingdao, China, May 20-23, 2019

- Science Popularization

CSPB will initiate a series of activities in May 2019 to celebrate International Fascination of Plants Day. Numerous activities across the country will be organized to spread knowledge of plant science to the public, and increase people's awareness of the relationship between plant science and human life.

- Periodicals

Molecular Plant, which started its publication in 2008, has been ranked among top-level periodicals in the international plant science field. Its impact factor is 9.326 in 2017, and predicted to be over 10 in 2018. And it starts a sister journal, *Plant Communications* in 2019. CSPB also publishes a Chinese journal, *Plant Physiology Journal*. Started in 1951, this journal has been selected as core journal in Chinese education and libraries.

- International Cooperation

Collaborating with American Society of Plant biologists, (ASPB), CSPB will hold recruitment summit in ASPB annual meeting, Plant Biology 2019. San Jose, CA, USA, August 3-7, 2019.

Cooperating with Japanese Society for Plant Cell and Molecular Biology (JSPCMB) and the Korean Society for Plant Biotechnology (KSPB), we three sides will hold the 4th Trilateral Research Association of Plant Biotechnology (TRAPB) symposium. Nanchang, China, July 5-8, 2019.

- Talent Awards

Wei Zhiming Award for innovation by Young Talents

Award for Outstanding Contribution to Photobiology

Award for Outstanding Young Women

- Education & Training Activities

Seminar on Biology Education in Secondary Schools, Beijing, China, October 19-20, 2018

Federation of European Societies of Plant Biology (FESPB)
<http://www.fespb.org/fespb>

Name and email of current representative to the GPC

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Name of current president:

Professor Andrea Schubert [andrea.schubert@unito.it]
Term of current
June 2018-July 2020

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Vice President, General Secretary**

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**Professor M^a Dolores Rodríguez (Chair Publication and Communication
Committee)**

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The Heat and Drought Wheat Improvement Consortium (HeDWIC)
<https://www.hedwic.org>

Name and email of current representative to the GPC

GPC Representative – Matthew Reynolds, M.REYNOLDS@cgiar.org

Name of current president

GPC Representative – Matthew Reynolds, M.REYNOLDS@cgiar.org

Member Report 2018–2019

The Heat and Drought Wheat Improvement Consortium (HeDWIC), <https://www.hedwic.org>, is currently an informal collaborative network of hundreds of scientists with expertise in the genetics and physiology of abiotic stress, working for the millions of wheat farmers around the world. HeDWIC was endorsed by the G20 Wheat Initiative in 2016 as one of its two priority projects, and in 2019 Germany's Julius Kühn-Institute agreed to establish a HeDWIC coordination unit. Resourcing for HeDWIC's pre-breeding work is currently coming from CRP-WHEAT and the Mexican Government and delivering novel stress-adapted germplasm via the International Wheat Improvement Network. A key goal going forward is to align relevant national research agendas of network members under the HeDWIC coordination umbrella, which along with new investments for translational research, will boost the development and dissemination of climate resilient wheat lines along with improved breeding methodologies designed for heat and drought targets worldwide. The principal elements of the strategy are outlined below.

Key outputs

HeDWIC will:

- Build on previous investments and an established community of stakeholders to develop technologies for improving adaptation of wheat to a warmer and drier planet.
- Leverage the reserve of wheat genetic resources housed in gene banks worldwide, in combination with recent breakthroughs in high throughput phenotyping and genotyping to identify novel sources of stress adaptive genes.
- Create new scientific knowledge and breeding protocols for improving wheat's adaptation to heat and drought stress profiles experienced (and predicted) globally.

- Manage innovative research-to-development germplasm pipelines feeding into the already successful International Wheat Improvement Network.
- Assure alignment and coordination of relevant global research and breeding efforts, including quality assurance of data shared across the network.
- Deliver capacity development with a special focus on new and early-career scientists from climate vulnerable regions.

Key outcomes and impacts

- HeDWIC will contribute to both public and private breeding efforts by providing international public goods in the form of novel germplasm, new research findings and techniques, refined breeding methodologies and trained scientists.
- Novel germplasm and methodologies will facilitate the development of new locally adapted varieties and their adoption by farmers, thus avoiding a significant portion of the negative impact of climate change over the coming decades.
- Knowledge and techniques created through HeDWIC will also benefit research in other crops.

Business Case

There is a solid business case for investing in HeDWIC as indicated by the following factors:

- Multiple studies have demonstrated the vulnerability of wheat and other staple crops to climate change which, in combination with declining water resources, represent a major threat to future food security globally.
- Investment by the CGIAR Research Program on Wheat (<https://wheat.org>) and the Wheat Initiative (<https://www.wheatinitiative.org>) has established an international community of stakeholders with the necessary skill sets and willingness to develop and facilitate the use technologies to improve adaptation of wheat to heat and drought stress.
- In addition to a large body of knowledge on stress adaptation developed in model plant species in recent decades, a vast and largely untapped reserve of wheat genetic resources housed in gene banks worldwide represent a major opportunity

for leverage on HeDWIC, in combination with recent breakthroughs in high-throughput phenotyping and genotyping.

- A proven delivery mechanism for the products of HeDWIC already exists in the form of the highly successful International Wheat Improvement Network (IWIN) that will ensure the adoption of novel technologies for improving wheat's climate resilience into established breeding pipelines so that new cultivars with a full package of necessary agronomic traits can be rapidly adopted by farmers worldwide.
- Economic analyses of R&D in wheat have consistently demonstrated extremely high rates of return on wheat improvement investments, with benefits flowing to farmers, consumers and industry.
- Current analysis also demonstrates the likely benefit of investing in HeDWIC with returns of > 50:1 at 1°C warming and > 100:1 with 2°C warming. Successful research into improving water harvest – many of whose traits are related to heat tolerance – would result in much higher returns on investment in the expected scenario of increased drought.
- Livelihoods of billions of resource poor men, women and children depend on wheat cropping systems, it being a staple food in a number of climate vulnerable regions.

Indian Society for Plant Physiology (ISPP)

<http://www.ispponline.org/>

Name and email of current representative to the GPC

Dr. Viswanathan Chinnusamy, Email id: viswa.chinnusamy@gmail.com

Name of current president

Dr. M.B. Chetti

Term of current president

(till December, 2020)

Name and email of other member organization contacts e.g. Executive Director, Vice President, General Secretary etc.

President: Dr. M.B. Chetti, Email id: mbchetti_uas@rediffmail.com

Hon. Secretary: Dr. Viswanathan Chinnusamy, Email id:
viswa.chinnusamy@gmail.com

Treasurer: Dr. Madan Pal Singh, Email id: madanpal@yahoo.com

Editor-in-Chief: Dr. M. Maheswari, Email id: mmandapaka59@gmail.com

Member Report 2018–2019

Following activities were undertaken by the Indian Society for Plant Physiology, during the period of past 12 months (September 2018 – June 2019)

(A) Seminars/conference were organized

4th International Plant Physiology Congress-2018 during December 2-5, 2018 at CSIR-National Botanical Research Institute, Lucknow, UP, India

(B) Three memorial Award lectures were delivered by eminent researchers as mentioned below:

- (1) G.V. Joshi Memorial Lecture Award: Prof. P.K. Mohapatra, School of Life Science, Sambalpur University, Jyoti Vihar, Sambalpur, India
- (2) K.K. Nanda Memorial Lecture Award: Prof. Kushal Kumar Baruah, Department of Environmental Science, Tezpur Central University, Tezpur, Assam, India
- (3) S.K. Sinha Memorial Lecture Award: Prof. Usha Vijayraghavan, Indian Institute of Science, Bengaluru, India

(C) Young scientist Award of the Society:

Fourteenth young scientists presented their excellent research work during a special session during 4th International Plant Physiology Congress-2018 at CSIR-National

Botanical Research Institute, Lucknow, UP, India. Among them **Dr. Veda Krishnan**, Division of Biochemistry, IARI, New Delhi; **Dr. Riddhi Datta**, Department of Botany, Dr. A.P.J. Abdul Kalam Govt. College, New Town, Rajarhat, Kolkata 700156 and **Md Iqbal Raja Khan**, Department of Botany, School of Chemical & Life Sciences, Jamia Hamdard, were awarded young scientist award for the year-2018

(D) Gold Medal Awards:

Following scientists were selected for various gold medal award of the Society for the year-2018 as mentioned below:

- i. J.J. Chinoy Gold Medal Award: Dr. Girdhar K. Pandey, Professor, Department of Plant Molecular, Biology University of Delhi South Campus, Benito Juarez Road, Dhaula Kuan, New Delhi-110021
- ii. J.C. Bose Gold Medal Award: Dr. Nataraja Karaba N., Professor of Crop Physiology, Department of Crop Physiology, University of Agricultural Sciences, GKVK, Bengaluru, Karnataka-560065
- iii. R.D. Asana Gold Medal Award: Dr. Rohit Joshi, Stress Physiology and Molecular Biology Laboratory, School of Life Sciences, Jawaharlal Nehru University, New Delhi-110067
- iv. R.H. Dastur Gold Medal Award: Dr. Ranjeet R. Kumar, Scientist (SS), Division of Biochemistry, IARI, New Delhi-110012

Japanese Society of Plant Physiologists (JSPP)
<https://jspp.org/en/>

Name and email of current representative to the GPC

Current President of JSPS (2018-) – Prof. Tetsuro Mimura, mimura@kobe-u.ac.jp
GPC Representative (2016-2018) – Assoc. Prof. Yusuke Saijo, saijo@bs.naist.jp
(2019-) – Prof. Wataru Sakamoto, saka@okayama-u.ac.jp
International Chairperson (2018-2020)– Prof. Toshirio Ito, itot@bs.naist.jp

Name of current president

Current President of JSPS (2018-) – Prof. Tetsuro Mimura, mimura@kobe-u.ac.jp

Term of current president

2018-2020

Name and email of other member organisation contacts e.g. Executive Director, Vice President, General Secretary etc.

General Secretary (2018-2020)-Prof. Toshinori Kinoshita, kinoshita@bio.nagoya-u.ac.jp

Member Report 2017-2018

The JSPP has:

- Held the 60th Annual Meeting of the Japanese Society of Plant physiologists (JSPP) on 13-15 March, 2018 at Nagoya University, Naogya, Japan, which was associated with Japan-Taiwan Society of Plant Biologists (JTPB) joint symposium on 15-16 March.
- Organized Fascination of Plants Day (FoPD) 2018 in Japan around 18th May. We had 26 events including guided tours, seminars, hands on activities and exhibitions at universities, schools, museums, and botanical gardens. FoPD 2018 in Japan was continuously supported by five plant and crop societies including JSPP. Japanese coordinators updated FoPD-related web sites, called for the plant science community to join FoPS activities through several mailing lists, and passed out the event flyers with the financial support from JSPP.
- Published the official journal of the JSPP “**Plant and Cell Physiology (PCP)**”, on a monthly basis with Oxford Academic Press. PCP features in the top 8% of plant science journals (ranked 18th in 222 titles, 2017). This year’s published highlights have included special focus issues on trending topics such as “From Light Signals and Signaling to photosynthesis and Chloroplast Development” (59:6), “Plant Chemical Biology” (59:8) and “Long-distance signalling” (59:9). The coming publishing schedule includes special focus issues on trending topics such as “Iron Nutrition and Interactions in Plants” (60:5), “Plant Lipids” (60:6), “RNA-

mediated Plant Behaviours” (60:7), and “Oxylipins” (60:8). In addition, *PCP* has engaged in various outreach and promotional activities; e.g. Biology Week, Fascination of Plants Day, *PCP* author workshop at the JSPP annual conference.

Multinational Arabidopsis Steering Committee

<http://arabidopsisresearch.org/index.php/en/>

Name and email of current representative to the GPC

Nicholas Provart, nicholas.provart@utoronto.ca

Name of current president

Nicholas Provart

Term of current president

Indefinite

Name and email of other member organization contacts e.g. Executive Director, Vice President, General Secretary etc.

Siobhan Brady, Treasurer, sbrady@ucdavis.edu

Geraint Parry, Secretary, geraint@garnetcommunity.org.uk

Member Report 2018–2019

The Multinational Arabidopsis Steering Committee (MASC) has two main annual outputs. MASC oversees the organisation of the annual International Conference on Arabidopsis Research (ICAR), which rotates its location through America, Europe and Asia on a three-year cycle.

ICAR2018 took place in Turku, Finland on June 25th-29th and was led by current MASC director Michi Wrzaczek. 599 people attended the meeting including 469 paying delegates (280 academics, 179 student/postdoc). This meeting included 14 workshops organised by meeting delegates demonstrating excellent community-involvement.

The other major MASC output is the annual production of the MASC Annual Report.

arabidopsisresearch.org/images/publications/mascreports/2018_MASC_Report_FINAL.pdf

This document includes contributions from MASC Subcommittees, relevant Projects and Resources and 25 Country Reports. This report allows the Arabidopsis community to collate the newly available tools and resources as well as highlighting outstanding publications that use Arabidopsis as the primary research organism.

The MASC subcommittees are groups whose role is to collate the major developments that have occurred across different parts of the Arabidopsis research landscape. In 2018

the following subcommittees submitted contributions to the Annual report: Bioinformatics, ORFeomics, Epigenetics and Epigenomes, Metabolomics, Proteomics and Systems and Synthetic Biology.

The MASC annual meeting took place on June 27th 2018 during the ICAR2018 and had 22 attendees. This meeting discussed future ICAR meetings, the future of Arabidopsis bioinformatics, the activity of MASC subcommittees and the MASC annual report. The meeting minutes can be downloaded from the website here:

arabidopsisresearch.org/images/Documents/Minutes/2018_29th_Turku_Agenda_Minutes_Final.pdf

Over the past two years MASC has been established as a not-for profit organisation based in Canada. In order to fulfill the requirement of this change MASC is overseen by a board of directors. The terms of these directors officially began at the 2018 Annual meeting in Turku:

2018-2020: Michael Wrzaczek (Finland), Barry Pogson (Australia)

2018-2021: Xuelu Wang (China), Elizabeth Haswell (United States of America)

2018-2022: Blake Meyers (United States of America), Sean May (United Kingdom)

2018-2023: Rodrigo Gutierrez (Chile), Masatomo Kobayashi (Japan)

The ICAR2019 meeting takes place at Wuhan, China June 17st-21st which will include the MASC annual meeting on June 17th <http://icar2019.arabidopsisresearch.org/>

The 2019 MASC annual report is currently under preparation. In addition we hope to condense the document into a short report for publication in Plant Direct.

Plant Canada (PC)
<http://www.plantcanada.ca/>

Name and email of current representative to the GPC

Dr. Deena Errampalli
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Name and email of representative to the GPC in 2017/ 2018

If different from above

Name of current president

Dr. Deena Errampalli

Term of current president

2015-2019

Name and email of other member organisation

Dr. Diane Edwards
Plant Canada Secretary
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Member Report 2018-2019

Plant Canada Federation of Canadian Plant Science Societies (PC) was incorporated on July 31, 2015 under the Canada Not-for-profit corporations Act. Plant Canada is an umbrella organization for seven Canadian plant societies: Canadian Association for Plant Biotechnology (CAPB), Canadian Botanical Association (CBA), Canadian Phytopathological Society (CPS), Canadian Society of Agronomy (CSA), Canadian Society for Horticultural Science (CSHS), Canadian Society of Plant Biologists (CSPB) and Canadian Weed Science Society (CWSS).

The Plant Canada (PC) Board of Directors met monthly from November 2018 to May 2019 to plan for the upcoming Plant Canada 2019 meeting, which is held once every 4 years. Other activities of Plant Canada include:

- Deena Errampalli as its President represented Plant Canada and submitted a Plant Canada Annual Report to the GPC annual meeting held in Baltimore, US in Nov 2018.
- Plant Canada website is being updated regularly.
- The Plant Canada 2019 meeting with a theme of Communicating Innovation in Plant Science will be held from July 7 to 10, 2019 in Guelph, ON. About 600 delegates from Canada are expected to participate. In 2019, CSPB, a member

society of Plant Canada will host the meeting. The scientific program committee membership is composed of one member from each of the 7 Plant Canada member societies with Geoff Wasteneys (CSPB) as the chair.

- In 2018 Plant Canada sponsored a best student oral presentation award at the CSPB Eastern Regional group meeting at the Western University, London, Ontario Waterloo On 24 Nov, 2018.
- Promotion of PC and GPC. Deena Errampalli sent updates on “Plant Canada and Global Plant council” to the CPS SORA regional meeting in Simcoe, ON., on 3 November 2018.
- PC member societies that held annual conferences and AGM in the fall 2018 are: CSHS held its conference in Niagara Falls, Ontario from October 4 to 6, 2018; Canadian Weed Science Society in Niagara Falls, ON in November 2018; Canadian Society of Agronomy met jointly with the American Society of Agronomy & CSSA in Baltimore, MD, USA from November 4-7, 2018.

The following are the individual reports from some of the PC member societies:

Canadian Phytopathological Society

Report submitted by Dr. Dilantha Fernando (current President), April 2019

The Canadian Phytopathological Society (CPS) is a scientific society that was formed in 1929 as a nonprofit organization to enable plant pathologists to meet and discuss their common interests in teaching and research of plant diseases. CPS has more than 350 members in Canada and abroad. Its membership has expertise in all facets of plant pathology from applied field research to molecular biology techniques to understand fundamental questions in host-pathogen interactions. CPS includes a wide variety of graduate students, postdoctoral fellows, research associates, technical assistants, extension plant pathologists, research scientists, and professors from federal and provincial governments, universities, and companies involved with plant health.

The CPS has taken several new initiatives this year. CPS is changing the editorial board structure in its flagship journal the Canadian Journal of Plant Pathology. The new model will help an easier flow of manuscripts once submitted for review, will make the workload less strenuous to its editorial board and will ensure younger scientists given an

opportunity to serve on the editorial board. The Taylor and Francis is now working in ensuring this to be in place from June this year. The CPS Board is also exploring the Open Access opportunities for the CJPP. It has struck an ad-hoc committee to study this carefully and report back to the board. In addition, CPS's second publication, the Canadian Plant Disease Survey will now be published by Taylor and Francis. The CPDS will turn 100 year, and CPS 90 years! We have a special celebration for this taking place this July at the Plant Canada Conference in Guelph, Ontario.

The CPS continues to bring together many scientists through regional conferences. They are well attended as it is fairly less costly on travel. The CPS gives \$1000 to each regional society to use for those regional meetings. The meetings take place in the fall and winter.

Canadian Society for Horticultural Science (CSHS) <https://cshs.ca/>

Report submitted by Dr. Valérie Gravel (current President) , April 2019

In 2018, the CSHS celebrated its 62 years of existence. This year, the CSHS held its conference in Niagara Falls, Ontario on October 4th to 6th 2018. The conference was a huge success with 190 delegates. The conference was chaired by Dr Karen Tanino and followed the Canadian Greenhouse Conference. A one-day symposium on Cannabis production, chaired by Dr. Youbin Zheng, attracted several participants and created a good platform for discussion on the subject. Delegates also had the opportunity to participate in a pre-conference tour highlighting horticulture production in the Niagara region as well as a Haskap Workshop.

The goal this year for the CSHS was to maintain the increased membership observed in the past two years. So far, the renewal rate is high and efforts are still ongoing to increase membership. Considerable efforts have also been made to increase student membership and involvement in the Society. A student board was implemented within the Society to support students' initiatives. Student representatives, especially Ms. Sara Stricker, are especially involved in the development of the CSHS on-line platform, including the CSHS website, Facebook page and Instagram account.

Due to the diversity of horticulture production in Canada, one of the priorities of the CSHS is to have a good representation across the country. A new member representing

Northern regions of Canada was added this year to the CSHS executive board. Therefore, the CSHS Executive board now includes members representing all regions of Canada. Regional representatives now play an active role in recruitment and in disseminating information to all members.

The CSHS is also involved in the International Society for Horticultural Science (ISHS, www.ishs.org). The International Horticulture Congress was held in Istanbul, Turkey in August 2018. Two CSHS members, Yves Desjardins and Youbin Zheng (current vice-president), represented the Society at the board meeting.

Canadian Weed Science Society-Société canadienne de malherbologie (CWSS-SCM) <https://weedscience.ca/>

Report submitted by Dr. Rory Degenhardt (current President). April 2019

The CWSS-SCM is a non-profit professional society for scientists, agronomists, economists, and students interested in weed science. The society is widely recognized in Canada and beyond for its national leadership in bringing together research and information on science and management related to plants potentially impacting the environment, economy and society. The three major goals of the CWSS-SCM are to: (1) be the Canadian scientific authority representing professionals working in weed science, 2) expand the CWSS-SCM network of members and partners, 3) ensure good governance.

The CWSS-SCM held its 72nd annual meeting in Niagara Falls, ON in November 2018. The full-day plenary session focused on “New Frontiers in Weed Management”, with a range of national and international speakers covering topics such as hyperspectral technologies, big data, advances in mechanical weed control, and ethics. Additionally, a fascinating session on Molecular Biology was added to the program for the first time. The graduate student presentations were again a highlight of the meeting, and we had 14 such speakers with best talk award going to Lauren Benoit from the University of Guelph for a presentation on multiple resistant waterhemp. For more details, see the meeting archive at <https://weedscience.ca/wp-content/uploads/2018/11/CWSS-SCM-2018-Niagara-Meeting-Package-Nov-15.pdf>.

The CWSS-SCM proudly awarded Dr. Linda Hall a Fellow Award at the 2018 annual meeting. Linda is a professor in the Faculty of Agriculture Life and Environmental Science at the University of Alberta. She has enjoyed a productive and distinguished career in weed science and transgenic crop biosafety. After spending 12 years as a Research Scientist with Alberta Agriculture, Linda joined the University of Alberta in 2006. Linda is a world-renowned weed scientist and pioneer of research on the environmental impacts of transgenic crops and gene flow via and pollen and seeds. She has also contributed to the development of the next generation of weed scientists through teaching, mentoring and training of undergraduates and graduate students. Linda has been an active member of the CWSS-SCM for many years and served as president from 2016-2017.

The CWSS-SCM will host its 73rd annual meeting from November 18-21, 2019 at the Grand Okanagan Resort in Kelowna, British Columbia. An exciting scientific agenda is taking shape for this meeting and all weed science professionals, consultants and stakeholders should mark the dates on their calendar. The 74th annual meeting will be in Gatineau, Quebec in November of 2020.

Canadian Society of Plant Biologists (Société Canadienne de Biologie Végétale)
<http://www.cspp-scpv.ca>

As well as being a member of Plant Canada, the CSPB is also a member of the Global Plant Council in its own right. Please see the CSPB's report above.

Portuguese Society of Plant Physiology (SPFV)
<http://www.spfv.pt>

Name and email of current representative to the GPC

Margarida Oliveira, mmolive@itqb.unl.pt

Name of current president

Jorge Marques da Silva

Term of current president

2016-2019

Name and email of other member organization contacts

Nelson Saibo, Treasurer, saibo@itqb.unl.pt

Anabela Bernardes da Silva, Secretary, arsilva@fc.ul.pt

Glória Esquível, President of the Financial Council, gesquivel@isa.ulisboa.pt

Maria Margarida Oliveira, President of the General Assembly, mmolive@itqb.unl.pt

Member Report 2018–2019

1. Dissemination of Plant Physiology in the Community

a) Work continued on the remodeling of the website, in order to make it more attractive and easier to update, fostering better contact with the partners. The graphic style to be adopted was decided. The dynamization of the web presence continued to go largely through the activity on the Facebook page (<https://www.facebook.com/SPFisioIVeg>), which has recorded a growing number of visits and subscriptions.

b) Preparation and implementation of the 5th Fascination of Plants Day (<https://plantday18may.org/>), which took place in May 18, 2019. SPFV member Nelson Saibo was, once again, the national coordinator of the initiative (<https://plantday18may.org/category/europe/portugal/>), which involved more than 30 institutions in Portugal. The Portuguese Society of Plant Physiology, in collaboration with the Plant Biology Department, Faculty of Sciences, University of Lisbon, organized the event “Plants go to school” / “As plantas vão à escola” (<https://ciencias.ulisboa.pt/pt/as-plantas-va-o-a-escola>).

2. Representation of SPFV in Scientific Meetings

a) Financial support for a SPFV student member to participate in Plant Biology 2018 (June 18-21, 2018, Copenhagen, co-organised by the European Plant Science Organization (EPSO) and the Federation of European Societies of Plant Biology (FESPB)).

b) SPFV's treasurer, Nelson Saibo, represented the Society on the FESPB and EPSO annual meetings, which also took place in Copenhagen together with the Plant Biology 2018.

3. Organization and Co-organization of Scientific Meetings

b) SPFV supported the organization of the XIV Spanish-Portuguese Symposium on Water Relations in Plants, which took place in Madrid, between 3 and 5 October 2018, through SPFV's Water Relations Group, coordinated by Margarida Vaz and co-coordinated by Cati Dinis, from the University of Évora.

c) The SPFV Plant Nutrition group, coordinated by Cristina Cruz, University of Lisbon, organised, with the support of the Spanish Society of Plant Physiology, the XVII Portuguese-Spanish Symposium on Mineral Plant Nutrition (Nutriplanta 2018), which took place between 25 and 27 July 2018, in Lisbon. The Symposium had a truly international character, with 95 delegates from 10 different countries.

d) Continued support to SEFV in the organization of the XVI Spanish-Portuguese Congress of Plant Physiology, which will take place in Pamplona, Spain, June 26-28, 2019.

e) Organization of the XV Portuguese-Spanish Symposium on Water Relations in Plants, which should take place in 2020, in ITQB-NOVA, Oeiras, Portugal. An Organizing Committee has been established, led by the SPFV member Conceição Caldeira.

4. Participation in International Scientific Platforms

a) Under the coordination of SPFV's Plant Nutrition Group, the process of integrating SPFV into the European Phosphorus Platform continued, in collaboration with the Spanish Society of Plant Physiology. In this respect, in the period under review, two meetings were held

b) SPFV's participation in the Global Plant Council was maintained and deepened and the activities of the European Plant Science Organization were monitored. Various surveys were answered, opinions were issued, and the position taken by these organizations were supported.

c) During the XV Latin American Congress of Plant Physiology, Córdoba, Argentina, November 11-15 2018, SPFV participated in the foundation of the "Federación Ibero-latinoamericana de Sociedades de Biología de Plantas (FISBP) / Federation of the Iberolatinamerican Societies of Plant Biology (FISPB), which gather as founder members

societies of plant physiology and plant biology from Portugal, Spain, Brazil, Chile, Argentina, Mexico and Uruguay.

Scandinavian Plant Physiology Society (SPPS)
<http://www.spps.se>

Name and email of current representative to the GPC

Rodomiro Octavio Ortiz Rios
rodomiro.ortiz@slu.se

Name of current president

Prof. Stefan Jansson

Term of current president

Until August 2019

Vice President Carl Gunnar Fossdal

Carl.Gunnar.Fossdal@nibio.no

General Secretary

Totte Niittylä
Totte.niittyla@slu.se

Anke Carius

Office secretary
Anke.carius@umu.se

Member Report 2018–2019

SPPS owns the scientific journal *Physiologia Plantarum* and uses the income from the journal to promote plant science in Scandinavia including Iceland and the Baltic states. As of today, SPPS has 4 employees (including the employees of the journal) and around 200 members.

In August 2017 SPPS held their own congress in Naantali, Finland with 170 participants, focussing on Scandinavian plant research only. The next SPPS conference will be held August 28th-30th 2019 in Umeå, Sweden.

SPPS sponsored the following meetings and conferences:

- SPPS PhD Student Conference in Ishøj, Denmark
- ENFC2018, Nitrogen Fixation Meeting in Stockholm 18-21 August 2018, financial support
- The International Conference on Arabidopsis Research (ICAR) which was held on 25-29 June 2018 in Turku, Finland. SPPS sponsored the cost for 3 keynote speakers

- EPS-1 The 1st European Congress on Photosynthesis Research; Date: June 25-28, 2018 Place: Uppsala, Sweden; SPPS supported the meeting financially and offered PhD Student travel grants.
- 1st International Plant Spectroscopy Conference 2017 August 29-30, Umeå, Sweden, financial support
- SEB Gothenburg 3 - 6 July 2017, financial support

SPPS had its 70th anniversary 2017 and handed out two 70th anniversary “Promote Plant Science” grants worth 70.000SEK. Firstly, a young scientist and artist, Daria Chrobok received one of the grants to illustrate special issues of our journal *Physiologia Plantarum* with entertaining comics. Secondly, the outreach project “the green revolution” was funded. On the homepage www.biotechacademy.dk teachers can order materials for their science classes for free. SPPS is funding photosynthesis experiment kits for up to 7500 students.

On the SPPS conference 2017, 4 awards were handed over. SPPS award: Michael Broberg Palmgren (PLEN, University of Copenhagen, Denmark), PLL-Award Chuanxin Sun (Molecular Cell Biology Department of Plant Biology, Uppsala University, Sweden), Early Career Award: Olivier Keech (UPSC, Umeå University, Sweden), Outreach Award: Kurt Fagerstedt (University of Helsinki, Finland).

SPPS is a member of and financially supports FESPB, EPSO and GPC.

Taiwan Society of Plant Biologists (TSPB)
http://tspb.org.tw/TSPB_en/about-1.php

Name and email of current representative to the GPC

General Secretary, Su-Chiung Fang, scfang@gate.sinica.edu.tw

Name of current president

Ming-Tsair Chan

Term of current president

2018-2020

Name and email of other member organization contacts e.g. Executive Director, Vice President, General Secretary etc.

Acting President & Chair

Ming-Tsair Chan (mbmtchan@gate.sinica.edu.tw)

Member Report 2018–2019

2018 Nov. 1

The development and prospect of genomics technology in agriculture

<http://agritech-foresight.atrri.org.tw/event/detail/17>

2019 March 14 – March 16

Japan-Taiwan Plant Biology 2019

<https://jspp.org/annualmeeting/JTPB2019/index.html>

TSPB (Taiwan Society of Plant Biologists) and JSPP (Japanese Society of Plant Physiologists) represent major plant scientific societies in Taiwan and Japan respectively. Both societies support communication within the members who are interested in research on plant physiology and related subjects, ranging from basic sciences, agriculture, to pharmacology. To seek for an opportunity for strengthening their scientific interactions, TSPB and JSPP co-organized the first joint meeting TJPB2017 in Taipei Taiwan in 2017. JTPB2019, the second joint meeting, was held in Nagoya from March 13 to June 16, 2019. There were 249 Taiwanese participants in this joint meeting. TSPB sponsored 98 students and young faculty to attend the JTPB2019 meeting.

2019 June 2 - June 5

13th International Society of Plant Anaerobiosis Conference

<http://2019ispa.org/>

The 13th International Society of Plant Anaerobiosis Conference will be held at Academia Sinica in Taipei, Taiwan from June 2nd to June 5th, 2019. The conference will bring together research scientists from around the world to share their latest findings on the responses of plants to impeded aeration brought about by a wide variety of reasons, such as waterlogging of soil, submergence, space flight, natural tissue impedance, storage conditions and packaging of produce.

UK Plant Sciences Federation (UKPSF)
<http://www.plantsci.org.uk/>

Name and email of current representative to the GPC

Bill Davies, w.davies@lancaster.ac.uk

Name of current president

Committee chair: Dr Geraint Parry

Term of current president

2019 - 2022

Name and email of other member organization contacts e.g. Executive Director, Vice President, General Secretary etc.

UKPSF is a special advisory committee of the Royal Society of biology. Contacts:

- Dr Laura Bellingan FRSB, director of policy and public affairs at the Royal Society of Biology (laura.bellingan@rsb.org.uk)
- UKPSF: plantsci@rsb.org.uk

Member Report 2018–2019

The [UK Plant Sciences Federation](#) (UKPSF) is a special advisory group of the [Royal Society of Biology](#) that brings together the plant science community in the UK to create a coordinated approach to research, industry, funding, education and outreach in this vital sector of the biosciences.

The UKPSF was launched in November 2011 and has 21 [member organisations](#) from across the plant sciences. Please see below for a list of members.

The UKPSF released its report '[Growing the future](#)' on 29 January 2019. To celebrate the report launch, a [breakfast meeting](#) was organised in the Houses of Parliament, with speeches from Stephen Metcalfe MP, Professor Rick Mumford FRSB (outgoing UKPSF chair), Professor Dale Sanders FRSB (director of the John Innes Centre) and Dr Belinda Clark FRSB (director of Agri-Tech East).

Following the publication, the UKPSF will be organising a panel discussion to raise awareness of career opportunities in plant science among bioscience undergraduates. The session will be part of the Royal Society of Biology's [Bioscience Careers Day](#), which takes place in October 2019.

The UKPSF has secured funding to deliver its [Plant Health Undergraduate Studentships](#) programme again in 2019, thanks to Defra, BSPP, N8 AgriFoods and the David Colegrave Foundation. Nine students will be given opportunities to work with scientists on exciting projects in plant health, generating research outcomes and gaining valuable experience and skills.

UKPSF members:

Agriculture and Horticulture Development Board | Association of Applied Biologists | Biochemical Society | British Ecological Society | British Society for Plant Pathology | British Society of Plant Breeders | Fera | GARNet – Arabidopsis Research Community | Gatsby Plant Science Education Programme | Genetics Society | The Linnean Society of London | Microbiology Society | Monogram – Cereal and Grasses Research Community | The Rosaceae Network | Royal Microscopical Society | SCI Horticulture Group | Society for Experimental Biology | Syngenta | Tropical Agriculture Association | Unilever | Wiley-Blackwell

Annex 2. GPC Member Organizations

African Crop Science Society (ACSS)

GPC Representative – Kasem Zaki Ahmed, ahmed_kz@yahoo.com

Current President – Luisa Santos

<http://www.acss.ws>

American Society of Plant Biologists (ASPB)

GPC Representative – Virginia Walbot, walbot@stanford.edu

Current President – Rob Last

GPC Observer – Crispin Taylor, ctaylor@aspb.org

<http://www.aspb.org>

ARC Centre of Excellence in Plant Energy Biology, Australia (PEB)

GPC Representative – Barry Pogson, barry.pogson@anu.edu.au

Current director – Harvey Millar, harvey.millar@uwa.edu.au

<http://www.plantenergy.uwa.edu.au>

Argentine Society of Plant Physiology (SAFV)

GPC Representative – Fabricio Dario Cassán, fcassan@exa.unrc.edu.ar

Current President – Fabricio Cassan

<http://www.fisiologiavegetal.org>

Australian National University (ANU)

GPC Representatives – Barry Pogson, barry.pogson@anu.edu.au

Head of Division – Owen Atkin, owen.atkin@anu.edu.au

<http://www.anu.edu.au/>

Australian Society of Plant Scientists (ASPS)

GPC Representatives – Barry Pogson, barry.pogson@anu.edu.au

Ros Gleadow, ros.gleadow@monash.edu

President– Kathleen Soole

Honorary Treasurer, Dr Rosemary White, rosemary.white@csiro.au

<http://www.asps.org.au>

Botanical Society of China (BSC)

GPC Representative – Song Ge, gesong@ibcas.ac.cn

Current President – Wei-Hua Wu

<http://www.botany.org.cn>

Canadian Society of Plant Biologists (CSPB)

GPC Representative – Owen Rowland, owen.rowland@carleton.ca

Current President – Geoffrey Wasteneys, geoffrey.wasteneys@ubc.ca

Daphne Goring (Vice President), d.goring@utoronto.ca

Sherryl Bisgrove (Secretary), sherryl_bisgrove@sfu.ca

<http://www.cspp-scpv.ca>

Center for Plant Aging Research, Institute of Basic Science, Korea (CPAR)

GPC Representative – Hong Nam Gil

<http://aging.ibs.re.kr>

Chilean Society of Plant Biologists (ChilSPB)

GPC Representative – Francisca Blanco-Herrera, mblanco@unab.cl

Current President – Francisca Blanco-Herrera, mblanco@unab.cl

<http://www.biologiavegetal.cl>

Chinese Society of Plant Biology (ChSPB)

GPC Representative – Weihua Tang, whtang@sibs.ac.cn

Bing Leng, bleng@sibs.ac.cn

Current President – Xiaoya Chen

<http://www.cspb.org.cn>

Crop Science Society of China (CSSC)

GPC Representative – Jianmin Wan, wanjm@caas.net.cn

Current President – Jianmin Wan

<http://www.chinacrops.com>

European Plant Science Organisation (EPSO)

GPC Representative – Rainer Fischer, rainer.fischer@ime.fraunhofer.de

Current President – Aldo Ceriotti, ceriotti@ibba.cnr.it

GPC Observer – Karin Metzlauff, Karin.metzlauff@epsomail.org

<http://www.epsoweb.org>

Federation of European Societies of Plant Biology (FESPB)

GPC Representative – Christine Foyer, c.foyer@leeds.ac.uk

Current President – Andrea Schubert, andrea.schubert@unito.it

<http://www.fespb.org>

Genetics Society of China (GSC)

GPC Representative – Yongbiao Xue, ybxue@genetics.ac.cn

Current President – Yaping Zhang

<http://www.gsc.ac.cn>

The Heat and Drought Wheat Improvement Consortium (HeDWIC)

GPC Representative – Matthew Reynolds, M.REYNOLDS@cgiar.org

HeDWIC leader – Matthew Reynolds

<https://www.hedwic.org>

Indian Society for Plant Physiology (ISPP)

GPC Representative – Dr. Viswanathan Chinnusamy, viswa.chinnusamy@gmail.com

Current President – Dr. M.B. Chetti

<http://www.ispponline.org>

International Crop Science Society (ICSS)

GPC Representative – Jianmin Wan, wanjm@caas.net.cn

Current President – Antonio Costa de Oliveira

Hon. Secretary – Dr. Viswanathan Chinnusamy, viswa.chinnusamy@gmail.com

Treasurer – Dr. Madan Pal Singh, madanpal@yahoo.com

Editor-in-Chief – Dr. M. Maheswari, mmandapaka59@gmail.com

<http://www.intlcass.org>

Japanese Society of Plant Physiologists (JSPP)

GPC Representative – Yusuke Saijo, saijo@bs.naist.jp

Current President – Tetsuro Mimura, mimura@kobe-u.ac.jp

<http://www2.jspp.org>

Max Planck Institute of Molecular Plant Physiology

GPC Representative – Mark Stitt

<http://www.mpimp-golm.mpg.de>

Multinational Arabidopsis Steering Committee

GPC Representative – Nicholas Provart, nicholas.provart@utoronto.ca

Current President – Nicholas Provart

<http://arabidopsisresearch.org/index.php/en/>

New Zealand Society of Plant Biologists (NZSPB)

GPC Representative – Marian McKenzie, marian.mckenzie@plantandfood.co.nz

Current President – Marian McKenzie

<http://plantbiology.science.org.nz>

Plant Canada (PC)

GPC Representative – Deena Errampalli, deena.errampalli@agr.gc.ca

Current President – Deena Errampalli

Secretary – Dr. Diane Edwards, edwardsd@ucalgary.ca

<http://www.plantcanada.ca>

Portuguese Society of Plant Physiology (SPFV)

GPC Representative – Margarida Oliveira, mmolive@itqb.unl.pt

Current President – Jorge Marques da Silva

Treasurer – Nelson Saibo, saibo@itqb.unl.pt

Secretary – Anabela Bernardes da Silva, arsilva@fc.ul.pt

President of the Financial Council – Glória Esquível, gesquivel@isa.ulisboa.pt

President of the General Assembly – Maria Margarida Oliveira, mmolive@itqb.unl.pt

<http://www.spfv.pt>

Scandinavian Plant Physiology Society (SPPS)

GPC Representative – Rodomiro Ortiz, rodomiro.ortiz@slu.se

Current President – Stefan Jansson

Vice-president – Carl Gunnar Fossdal, Carl.Gunnar.Fossdal@nibio.no

General Secretary – Totte Niittylä, Totte.niittyla@slu.se

Office secretary – Anke Carius, Anke.carius@umu.se

<http://www.spps.fi>

Spanish Society of Plant Physiology (SEFV)

GPC Representative – Carmen Fenoll, Carmen.Fenoll@uclm.es

Current President – Carmen Fenoll

<http://www.sefv.net>

Society for Experimental Biology (SEB)

GPC Representative – Katherine Denby, katherine.denby@york.ac.uk

Current President – Christine Raines, rainc@essex.ac.uk
<http://www.sebiology.org/>

Taiwan Society of Plant Biologists (TSPB)

GPC Representative – Su-Chiung Fang, scfang@gate.sinica.edu.tw
Current President – Ming-Tsair Chan, mbmtchan@gate.sinica.edu.tw
http://tspb.org.tw/TSPB_en/

UK Plant Sciences Federation (UKPSF)

GPC Representative in – Bill Davies, w.davies@lancaster.ac.uk
Current President – Geraint Parry
<http://www.plantsci.org.uk/>