



RESEARCHERS IN AGRICULTURE
FOR INTERNATIONAL DEVELOPMENT

PRESENTS



EARTH MONTH

a month of climate-action in
agriculture for development

APRIL 2021

ONLINE & IN-PERSON



ABOUT RAID'S EARTH MONTH

As climate change impacts all parts of our global community, agriculture is a large contributor to this increasing crisis, while rural farmers are some of the most impacted by climate change. Researchers and practitioners working in the agriculture and development space advocate for a shift towards greater environmentally sustainable practices and methods in order to dramatically lower the sector's emissions. There are a growing number of initiatives and organisations that are shifting agricultural practices towards more regenerative and sustainable methods; indeed, collaborative projects are finding ways to feed the world whilst reducing carbon emissions and restoring biodiversity. We as agricultural researchers in international development therefore seek to shift the agricultural narrative of climate change by focusing on how agriculture for development can be a leading sector on mitigating intensifying impacts, as well as adapt to current challenges.

RAID's first ever Earth Month aims to share and transfer knowledge, resources and stories to create a sense of hope and mobilise a greater understanding of how agriculture for development can positively contribute to climate action, and in particular, support smallholder farmers mitigate and adapt.

Join us as we explore the many ways in which agriculture can act as a mitigation strategy to climate change.

CLIMATE CHANGE & AGRICULTURE

EVENT PROGRAM



April 2021

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1 Welcome to Earth Month!	2 Access to Podcast Resource List	3
4	5 Snapshot Interview #1	6	7	8	9 Access to Book Resource List	10
11	12	13 Access to Report Resource List	14 Moonlight movies in St Lucia	15	16 Snapshot Interview #2	17
18	19 Snapshot Interview #3	20 Moonlight movies in Gatton	21 Access to Social Media Resource List	22 Earth Day	23	24
25	26	27 Armidale In-person and online event	28	29 WA In-person Mental Health Workshop	30	

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WHAT IS HAPPENING?

Online and In-Person Events

RAID's regional reps across the country are hosting a range of online and in-person events, including panels, networking events, movie nights and workshops. Check out what events are happening near you on page 4!

RAID Snapshot Interviews

Watch some of our short interviews with a range of researchers undertaking projects to tackle this issue of climate change and agriculture. Find out about some of the amazing solutions already being developed to tackle this issue!

Access to a Range of Online Resources Lists

RAID has developed a range of online resource lists that will allow you to learn more about this topic through different media platforms.



ABOUT THE EVENTS



"Kiss the Ground" Movie Screening

14th April UQ St Lucia Campus & 22nd April UQ Gatton (QLD)

Join us for two outdoor movie events to watch the 2020 document "Kiss the Ground". This documentary brings together science experts and celebrity activists to unpack the ways in which the earth's soil may be the key to combating climate change and preserving the planet.

The intersection of agriculture, environment and people: towards mitigation and adaptation to climate change

27 April 9-10am AEDT Room EM1, Natural Resources Building, University of New England (Armidale)

Join us as we showcase PhD research projects from around the world (Australia, Vietnam, Bangladesh and Ethiopia), focusing on ways to feed the world whilst reducing carbon emissions, restoring biodiversity and supporting the role of farmers. This symposium will include short talks and discussions with academics and PhD candidates, including recent graduates from UNE School of Environment and Rural Science.



Mental Health and Climate Change Workshop

29th April 2-5pm University of Western Australia (WA)

This workshop aims to share diverse perspectives in agricultural research, community, industry, and international development on mental health and the difficult emotions associated with climate change and climate-related events. The evening will consist of short talks and demonstrations by researchers and industry professionals working on issues of mental health and climate change.

ABOUT THE INTERVIEWS



Prof Ian Godwin

Director of Crop Science Centre, QAAFI, University of Queensland

Professor Ian Godwin is the Director of the Centre for Crop Science at the Queensland Alliance for Agriculture and Food Innovation (QAAFI) at the University of Queensland. With over 30 years' experience in plant biotechnology, Ian is currently leading research on using biotechnological tools for crop improvement, with emphasis on the sustainable production of grain crops. He has been involved in a number of international development projects in countries within the pacific and is passionate about the public communication of science and the future of agriculture in a changing climate.



Dr Natalie Doran-Browne

Research Fellow, University of Melbourne

Dr Natalie Doran-Browne is a Research Fellow at The University of Melbourne and is part of the Primary Industries Climate Challenges Centre in the Faculty of Veterinary and Agricultural Sciences. Her research encompasses managing and reducing the impacts of climate change through the use of sustainable farming practices in Australia and in developing countries. Natalie published the first research papers on carbon neutral farming in Australia. Her research expertise is in carbon accounting for livestock systems, as well as strategies to mitigate and offset agricultural greenhouse gas emissions at the farm or national levels. Recent research incorporates the governance requirements to successfully implement climate and mitigation policies.



Prof Andrew Borrell

Professorial Research Fellow, Crop Science Centre, QAAFI, University of Queensland

Professor Andrew Borrell is a crop physiologist at the Centre for Crop Science at the Queensland Alliance for Agriculture and Food Innovation, UQ. For more than a decade, Andrew has led an international project (Australia/US) aimed at discovering key genes underpinning the stay-green drought adaptation trait in cereals, using sorghum as a model crop. He has co-led a project within sub-Saharan Africa and India to develop drought-adapted sorghum germplasm and has also worked extensively in South-East Asia for the past 25 years developing sustainable cropping systems, including recent research on rice production and adaptation to climate change in Vietnam.