

# INVITATION

The Vice-Chancellor and President of the University of East Anglia  
*Professor David Richardson*  
invites you to an afternoon of talks  
celebrating scientific collaboration between UEA and Japan

## **Exploring the past, present and future of the science of agriculture: towards new Anglo-Japanese research collaborations**

13:10 – 17:00 (Doors open 13:00)  
Tuesday 30 May 2017

Lecture Hall, Japan Gallery, 2<sup>nd</sup> Floor  
National Museum of Nature and Science, Ueno Park, Tokyo

Organised by the Centre for Japanese Studies at the University of East Anglia in  
conjunction with the Nara National Research Institute for Cultural Properties,  
supported by the Great Britain Sasakawa Foundation  
and endorsed by the Japan Society for the Promotion of Science

R.S.V.P. by 20 May 2017 to  
Ms Natsue Hayward  
Centre for Japanese Studies, University of East Anglia  
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### ***Objective and background:***

In the context of enhanced interest in new international research collaborations between the UK and Japan, the University of East Anglia (UEA) is marking the forthcoming visit to Japan by our Vice-Chancellor and President, Professor David Richardson, with an afternoon of presentations by distinguished specialists in the field of science and agriculture.

UEA has long been at the forefront of plant science and associated research in environment, hydrology, climate and health. This event will for the first time bring scientists from the University of East Anglia together with specialists from three major research institutions in Japan as a showcase for the potential of research collaborations in science.

The event will begin with a keynote lecture, which will address the challenges increasingly faced by 'expertise' in the media and politics in various countries around the world, including the UK and Japan. This will be followed by three sets of short, paired lectures by UEA specialists and their Japanese research partners, addressing the importance of the science of agriculture for the past, present and future of humanity.

We invite colleagues from across the sector to join us and to explore potential new research collaborations in science.



## **Programme**

13:00: *Doors open*

### **13:10: Welcome and Introduction**

Professor Philip Gilmartin, Pro-Vice Chancellor for Science and International Affairs, University of East Anglia

### **13:20: Keynote lecture: Science in a 'post-truth' world**

Professor David Richardson, Vice-Chancellor and President, University of East Anglia

### *Part 1: Past agricultural practices and archaeology in Japan*

#### **13:45: Revisiting the 'Agricultural Revolution': archaeology, heritage and farming**

Dr Simon Kaner, Director, Centre for Japanese Studies, University of East Anglia, and Head, Centre for Archaeology and Heritage, Sainsbury Institute for the Study of Japanese Arts and Cultures

#### **14:15: Recent challenges revealing the diversity of plant use in prehistoric East Asia**

Dr Shinya Shoda, Senior Researcher, Nara National Institute for Cultural Properties

### *Part 2: Current issues in plant health*

#### **14:45: Harnessing the plant's immune system to improve food security**

Professor Cyril Zipfel, Head, Sainsbury Laboratory, Norwich Research Park

#### **15:15: Hunting the witch: fighting against *Striga* in a molecular way**

Professor Ken Shirasu, RIKEN Institute, Tokyo

### *Part 3: Future challenges around water relations*

#### **15:45: Solving the dichotomy of producing enough food while protecting the environment from diffuse pollution**

Professor Kevin Hiscock, Head, School of Environmental Sciences, University of East Anglia

#### **16:15: Trade-off and synergy of water-energy-food nexus for agriculture**

Professor Makoto Taniguchi, Deputy Director, Research Institute for Humanity and Nature, Kyoto

16:45: *Close*