



The International Forum for Public Health  
*London, United Kingdom*

## **IFPH; Training – Workshop**

### **OUR MISSION**

The International Forum for Public Health – IFPH is an international non-profit making organization devoted to contribute to the improvement and promotion of public health internationally, through education, training, workshops and quality research for better understanding of the science involved in human health and wellbeing.



# Training-workshop on: “Advanced Strategic Food Security [ASFS]”

*Organised by the*  
**International Forum for Public Health - IFPH**  
**8<sup>th</sup> – 12<sup>th</sup> July 2019, London, United Kingdom**

## Contents

Background .....	3
The ASFS short training comprises three integrated interdisciplinary research themes.....	3
Contents of this training-workshop .....	4
TRAINING-WORKSHOP APPLICATION FORM.....	5



# Advanced Strategic Food Security [ASFS]

## Background

The ASFS short training course aims to help meet the challenge of providing the world's growing population with a sustainable and secure supply of safe, nutritious and affordable high-quality food. That food will need to be produced and supplied from less land and with lower inputs, and in the context of global climate change, other environmental changes and declining resources. The ASFS short training aims to provide evidence to enable food producers and processors, retailers, consumers and government to respond to and manage the challenges facing the country's food system and related global issues, including the many challenges confronting the developing world in the face of environmental and demographic change.

The food security challenge is also evolving – globally there are now more people who are obese than underweight; the UN's Sustainable Development Goals (SDGs) have been published with a focus on sustainable production and consumption alongside ending poverty and hunger; and there was agreement at the Paris Climate Conference (COP21) to aim to limit global warming to 1.5°C and to keep it well below 2°C. Reducing greenhouse gas (GHG) emissions from food and farming whilst ensuring nutritious diets and a thriving sector will be key, and new research is needed to move the system in that direction. Equally important will be food and farming systems that are resilient and can withstand shocks and perturbations, for example from climate change and extreme weather, or pests and diseases.

## The ASFS short training comprises three integrated interdisciplinary research themes

1. Resilience – understanding and managing the risks to the food system from environmental, economic and social shocks, the interplay between these, and ways to improve resilience of the food system both now and in the future.
2. Sustainable production and supply – including water, energy, nutrients and other inputs; land use and soils, with a particular focus on the sustainable use of resources; improving efficiency and reducing waste; farming systems; food production from crops and livestock; the role of new technologies; food processing, quality, manufacture and distribution.
3. Nutrition, health and wellbeing – including food quality and safety throughout the supply chain, nutrition across the life course, healthy and sustainable diets, consumer behaviour, food choice and accessibility.

Building on these themes, we have identified a number of interdisciplinary research priorities that would benefit from a food systems approach. These include Paris-



compliant healthy food systems; climatic shocks to the food system; behaviour change for adoption of a healthy and sustainable diet; sustainable management of natural resources in food production; urban food systems; and informing the Advanced Strategic Food Security [ASFS].

## **Contents of this training-workshop**

1. Food Security: The Challenge of Feeding 9 Billion People
  - a. Closing the Yield Gap
  - b. Increasing Production Limits
  - c. Expanding Aquaculture
2. Breeding Technologies to Increase Crop Production in a Changing World
3. Global Environmental Change Alters Breeding Targets
4. The macro dimensions of food security: economic growth, equitable distribution, and food price stability
  - a. Food security and the escape from hunger
  - b. Conceptualizing the strategic approach
5. Challenges of food security –need for interdisciplinary collaboration
  - a. Major challenges to food security
  - b. Environmental change and its impact
  - c. Food Safety issues



## TRAINING-WORKSHOP APPLICATION FORM

### 'Food Defence and Fraud Detection: An Essential Sector of National Food Safety Framework'

#### 1.0 Personal details

Title: Mr. ☐ / Ms. ☐ / Miss. ☐ / Mrs. ☐ / Prof. ☐ / Dr. ☐ / Other.....

Full name:.....

Family Name:..... First Name(s):.....

E-mail address:.....

Address:.....

City:.....

Postcode/Zip code: .....

Telephone (not a mobile, including area codes): .....

Fax (including area codes): .....

Date of birth: .....

Age on 30<sup>th</sup> December in 2019: .....

Gender: Male ☐ Female ☐

Country of birth:.....

Nationality: .....

#### 2.0 Training details

Name of training: .....

Duration of the training: .....

Who is expected to pay your fees?

☐ Yourself ☐ Family ☐ Employer ☐ Research Council  
☐ Local Authority ☐ Other.....

If other specify.....



### 3.0 Qualification and experience

Enter the names and addresses of the last two educational establishments you attended, include the dates of your studies there and state whether you were studying full-time or part-time

Last two educational establishments attended:

- a) .....  
.....
- b) .....  
.....

#### Academic Qualifications:

Institutions	Qualifications	Year of awarding	Full time/part time

#### Work Experience:

Job title	Name of the organisation	Dates of your employment	Full time/Part time

#### Further Information:

Enter here any further information to support your application. You should state why you have chosen this training and how it fits in with your learning/career aspirations. Outline here any experience, which you wish to have taken into account in lieu of formal qualifications.

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Please note: After completing this form, you should send it back to the organiser; IFPH ([training@ifph.org](mailto:training@ifph.org)) as soon as possible and no later than the **15<sup>th</sup> May 2019**.