

# Pro-WEAI Distance Learning Module 4: Calculating the Index

## About This Course

Building on the Pro-WEAI Foundations module, this module includes two units focused on calculating pro-WEAI indicators and the pro-WEAI score, as well as reading tables and figures. You will learn about the do-file used to create pro-WEAI indicators, the new WEAI ado-file that calculates the index, how to read the tables and figures produced by the ado-file, and how to effectively use these files for your projects.

Participants are expected to have prior experience with quantitative research and some familiarity with Stata for statistical analysis. This module specifically focuses on using Stata do- and ado-files for pro-WEAI. It is not an introductory course on performing statistical calculations.

## Prerequisites

The prerequisite for this module is Pro-WEAI Distance Learning Module 1: Pro-WEAI Foundations.

## Fees

Enrollment in this module is free.

## Location

This module is entirely web-based with all components available online. To access the module, participants must create a free account on the [e-learning platform](#) of the Food Security Portal.

## Language

This module is currently only available in English.

## Target Audience

This module is designed for anyone interested in conducting pro-WEAI analysis. The primary audience includes:

- NGO and consulting firm staff
- Government and UN agency staff
- Gender researchers in universities, national agricultural research systems (NARS), CGIAR institutions, and other international organizations
- Development practitioners

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## Learning Objectives

Upon successful completion of this module, participants will be able to:

- Identify adequacy cutoffs for and create each of the pro-WEAI indicators
- Adapt the Stata dataprep do-files to fit project data
- Run the WEAI ado-files
- Calculate indicator adequacies, the 3DE, GPI, and pro-WEAI score

## Structure

This module consists of approximately 2-3 hours of online content followed by a final quiz (20 questions). Completion time may vary based on individual learning styles, prior knowledge, and experience. The module is structured into two units:

- **Unit 1A/1B:** Pro-WEAI dataprep
- **Unit 2A/2B:** Pro-WEAI index calculation
- **Final quiz**

Since the module is self-directed, there are no set due dates to follow. However, we recommend completing the module within a week to maintain continuity and ensure effective learning.

## Materials

Online lectures provide the primary learning material for this module. Additionally, several recommended resources can be downloaded from the Course Materials section on the main course page.

## Completion Requirements

To receive the certificate of course completion, participants must meet the following requirements:

- Watch all course lectures (two units, each consisting of two parts)
- Complete and pass the final quiz
- Complete the course evaluation survey

Participants must earn at least 15 out of 20 points to pass the final quiz. Each question is worth one point, and partial points are given for questions with more than one answer. The quiz can be retaken as many times as necessary to pass.

Upon successful completion of all requirements, a certificate of completion will be issued and available for download on the main course page.

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## Course Instructors



**Audrey Pereira** (Course instructor) is a PhD student in Public Policy at the University of North Carolina at Chapel Hill. She uses mixed methods to study social protection, agency, women's empowerment, gender-based violence, and youth transitions to adulthood. She previously worked on WEAI with the gender team at IFPRI. She has also worked at FAO, the UNICEF Office of Research – Innocenti, and the World Bank on food security, nutrition, social protection, and violence against women and children.



**Simone Faas** (Course instructor) is a Survey Management Specialist in the Demographic and Health Survey Program at ICF. She collaborates with international government agencies to implement nationally representative public health surveys focused on maternal and child health, and she also supports research related to children's nutritional outcomes using DHS data. She previously worked on WEAI with the gender team at IFPRI. Simone holds an MSc in agricultural, food, and resource economics from Michigan State University.



**Nathaniel Ferguson** (Course instructor) is a Research Analyst in the Natural Resources and Resilience Unit at IFPRI. He works on methods for measuring women's empowerment and agency, as well as gendered social norms, in rural and agricultural settings. Previously he was an intern with IFPRI Africa, working on applications of econometrics and machine learning in food systems research. He has a BS in economics from the University of North Texas and an MS in food security from the American University of Beirut.



**Ara Go** (Course manager) is a Senior Program Manager in the Poverty, Gender, and Inclusion Unit at IFPRI. She coordinates research, technical assistance, and capacity-strengthening activities for projects on gender, women's empowerment, climate change, and nutrition. Prior to joining IFPRI, Ara worked with USAID's Bureau for Food Security (now the Bureau of Resilience, Environment, and Food Security) as a Gender Program Analyst, providing technical assistance to USAID missions and partners on gender and food security. She holds an MA in international development with a concentration in gender and global health from the University of Denver.

## Acknowledgments

This module was developed by the International Food Policy Research Institute (IFPRI) under the Gender, Agriculture, and Assets Project, Phase 2 (GAAP2), which is supported by the Bill & Melinda Gates Foundation (BMGF), the United States Agency for International Development (USAID), and the CGIAR Research Program on Agriculture for Nutrition and Health (A4NH). The Food Security Portal (FSP), where the module is hosted, is supported by the European Commission (EC). The module was initially designed as a scheduled course with instructors, but was later converted into a self-paced course with the support of the CGIAR GENDER Impact Platform. The CGIAR GENDER Impact Platform is grateful for the support of CGIAR Trust Fund contributors: [www.cgiar.org/funders](http://www.cgiar.org/funders). We also wish to acknowledge the FSP e-learning team (Betina Dimaranan, Brendan Rice, Brice Tchinde, Darline Kengne Kuate, and Soonho Kim of IFPRI), who designed and implemented the module on the FSP e-learning platform.

## Contact Us

If you have any questions about this module, please contact the WEAI Helpdesk at [IFPRI-WEAI@cgiar.org](mailto:IFPRI-WEAI@cgiar.org)