New and Upcoming Web and App Enhancements

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Sponsored by: NASA Supported by: NSF NOAA

Thanks to…

Technology Working Group

- Laura Altin
- Joan Callope
- Ana Prieto
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- Lisa Dallas

And YOU for all you do for GLOBE!!

GLOBE Observer Enhancements

– Joe Wieclawek

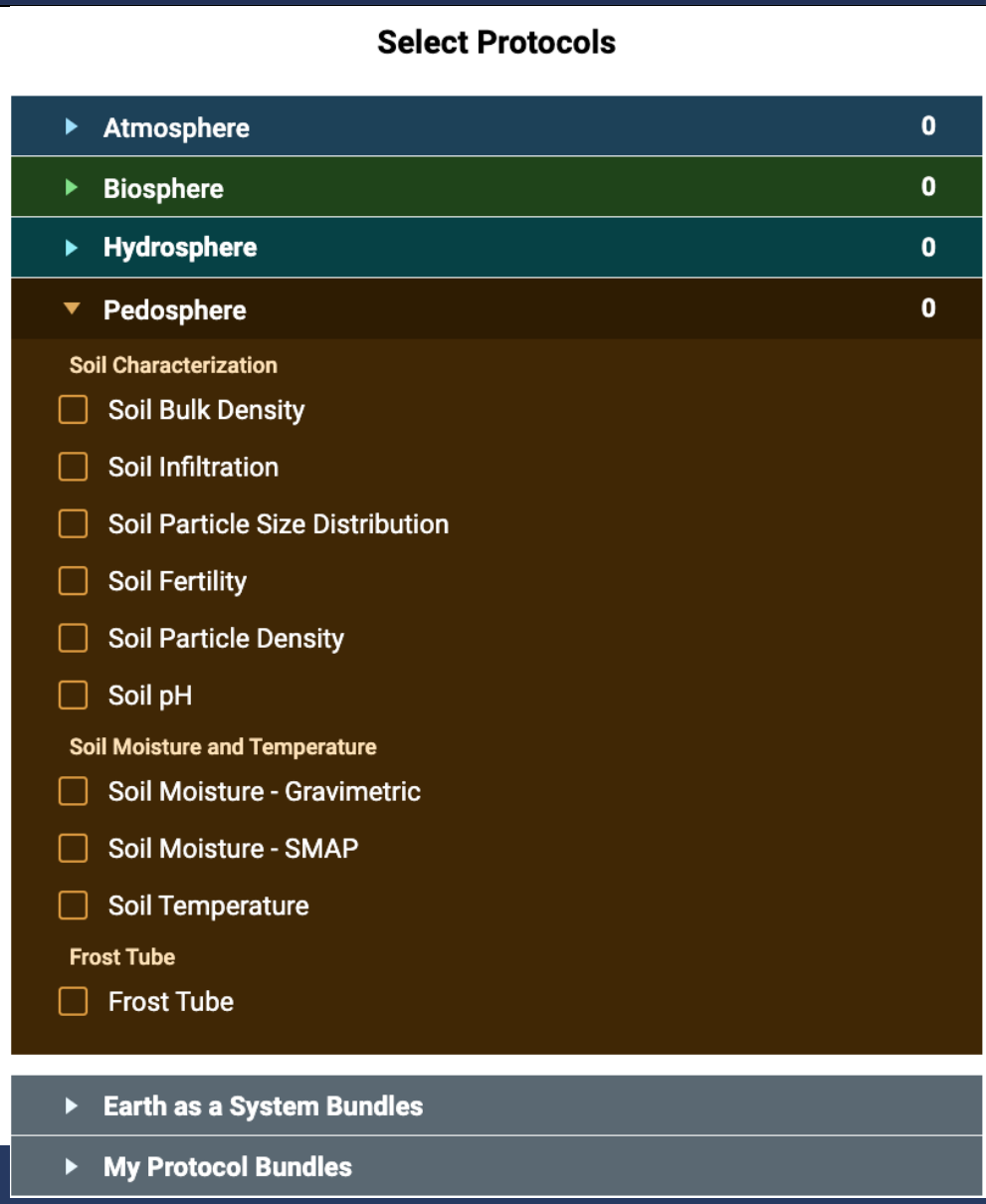
Added All Pedosphere Protocols to GLOBE Observer!

- All pedosphere protocols and site setup have been added to GLOBE Observer and the new desktop data entry forms

  (https://dataentry.globe.gov)

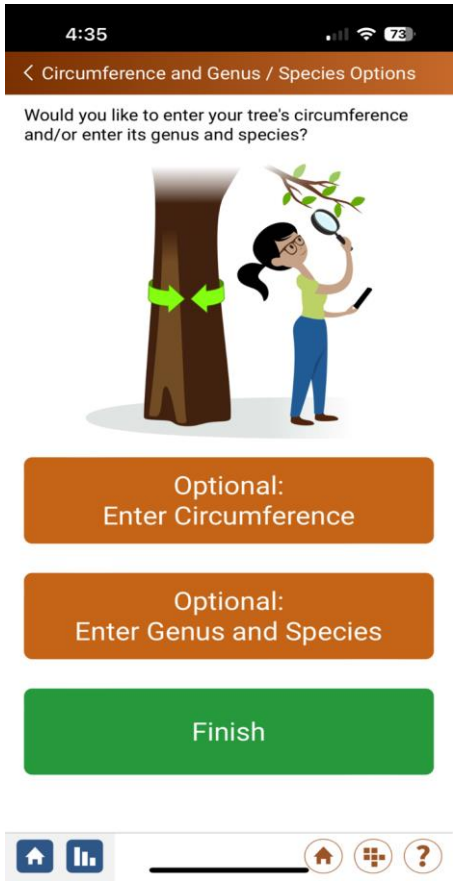
- We will be changing the default data entry to the new system in the weeks ahead

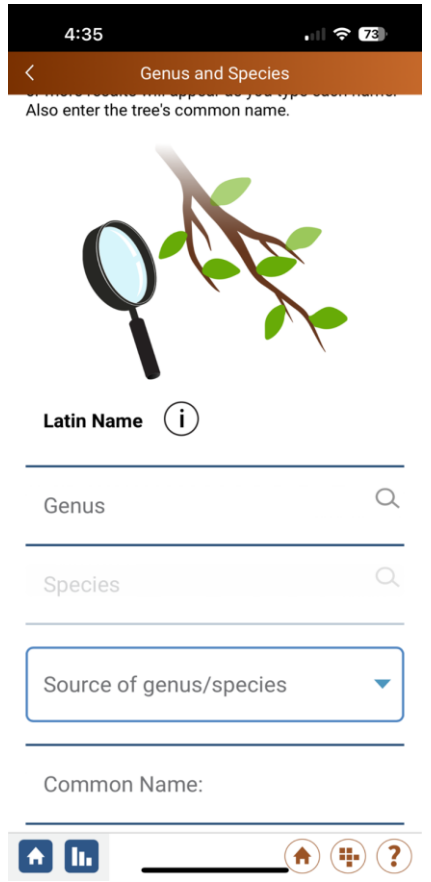
All protocols have been added to GLOBE Observer!



Added Genus/Species/Common Name to GLOBE Trees

- Users of GLOBE Trees can now enter the genus/species and/or Common Name for trees whose height they are measuring.





GLOBE Observer – Enhancements in progress

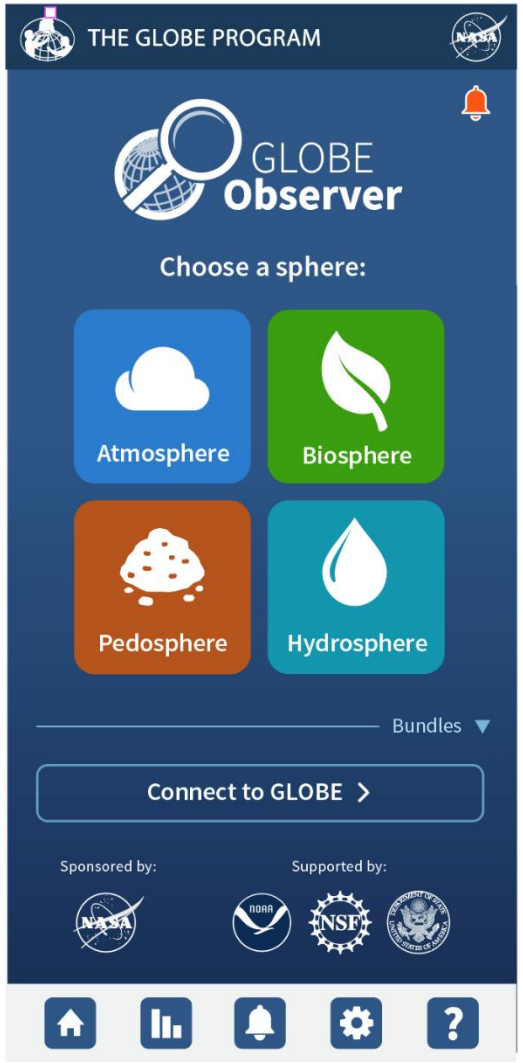
- Feature Photos for Clouds
  - Similar to landcover – take a photo of an interesting atmospheric feature
- Test/Practice User
  - Try a protocol in practice mode
- Land Cover Flyover Notifications
  - Be notified if your landcover photo has a satellite match

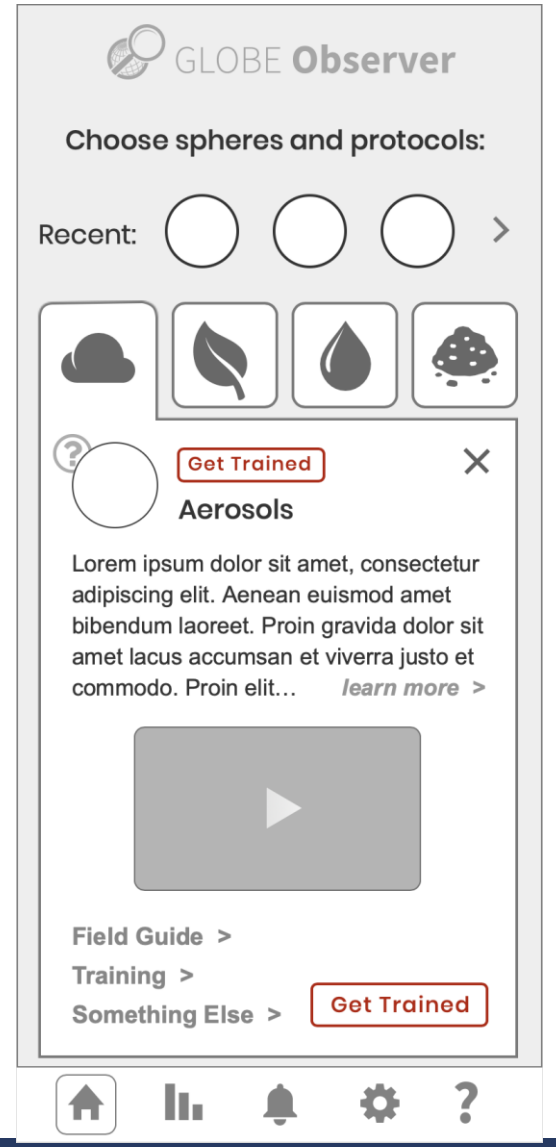
GLOBE Observer – Features in discussion

- Connect your observations to NASA's NISAR mission
  - Your landcover observations may have additional metadata requested to align with ground truthing for NASA's NISAR mission. Discussions underway.
- Connect your observations to emergency and storm warning systems (US)
  - Discussing ways to connect your clouds and land cover observations with emergency response agencies
- Archive sites no longer being used (but keep the data!)

GLOBE Observer – Features in discussion

- Modify GLOBE Observer to more closely integrate all the protocols and training





GLOBE Website

– Cornell Lewis

Improved eTraining Protocol Certification Process

- Addresses the issue of users not being sure which eTraining modules are needed to become Protocol Certified/GLOBE Educator.
- New system steps the user through the required modules.

Training

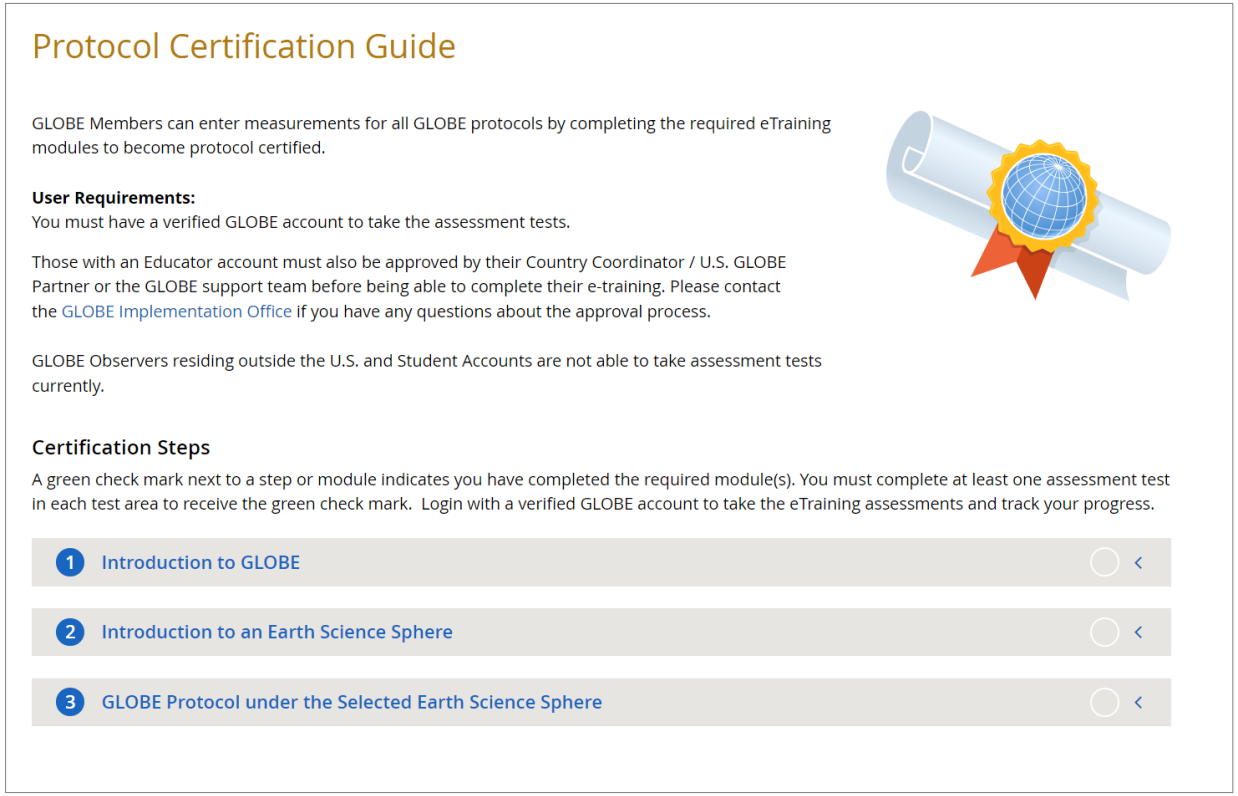
User Roadmaps
Teachers / Formal Educators
Informal Educators
Citizen Scientists
Students
STEM Professionals
Country Coordinators
US Partners
GLOBE Trainers
Public Users

Tutorial Center
Overview
Website Basics
Account Creation & Settings
Protocol Training
Data Entry
Data Access, Analysis & Reporting
GLOBE Teams
For GLOBE Educators
For Partners and Country Coordinators

In-Person and Virtual Workshops

Protocol eTraining
Protocol Certification Guide
Protocol eTraining Modules

Support FAQs



Protocol Certification Guide

GLOBE Members can enter measurements for all GLOBE protocols by completing the required eTraining modules to become protocol certified.

User Requirements:
You must have a verified GLOBE account to take the assessment tests.

Those with an Educator account must also be approved by their Country Coordinator / U.S. GLOBE Partner or the GLOBE support team before being able to complete their e-training. Please contact the GLOBE Implementation Office if you have any questions about the approval process.

GLOBE Observers residing outside the U.S. and Student Accounts are not able to take assessment tests currently.

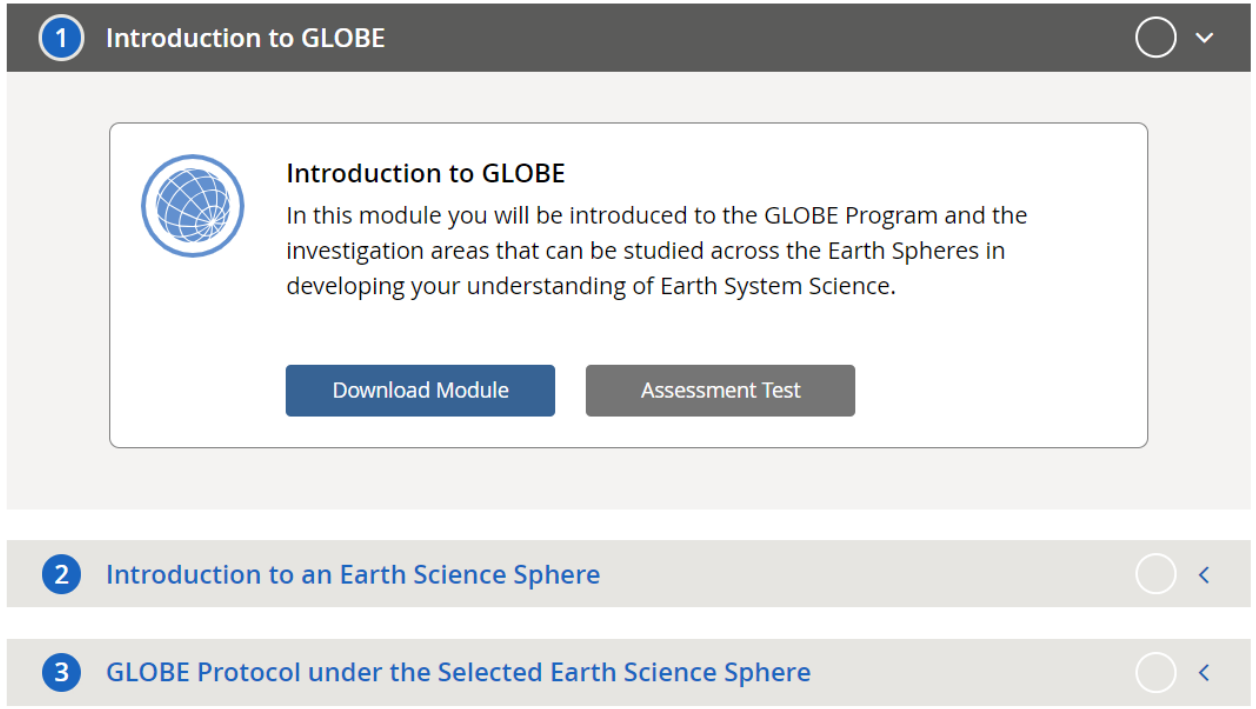
Certification Steps

A green check mark next to a step or module indicates you have completed the required module(s). You must complete at least one assessment test in each test area to receive the green check mark. Login with a verified GLOBE account to take the eTraining assessments and track your progress.

1. Introduction to GLOBE
2. Introduction to an Earth Science Sphere
3. GLOBE Protocol under the Selected Earth Science Sphere

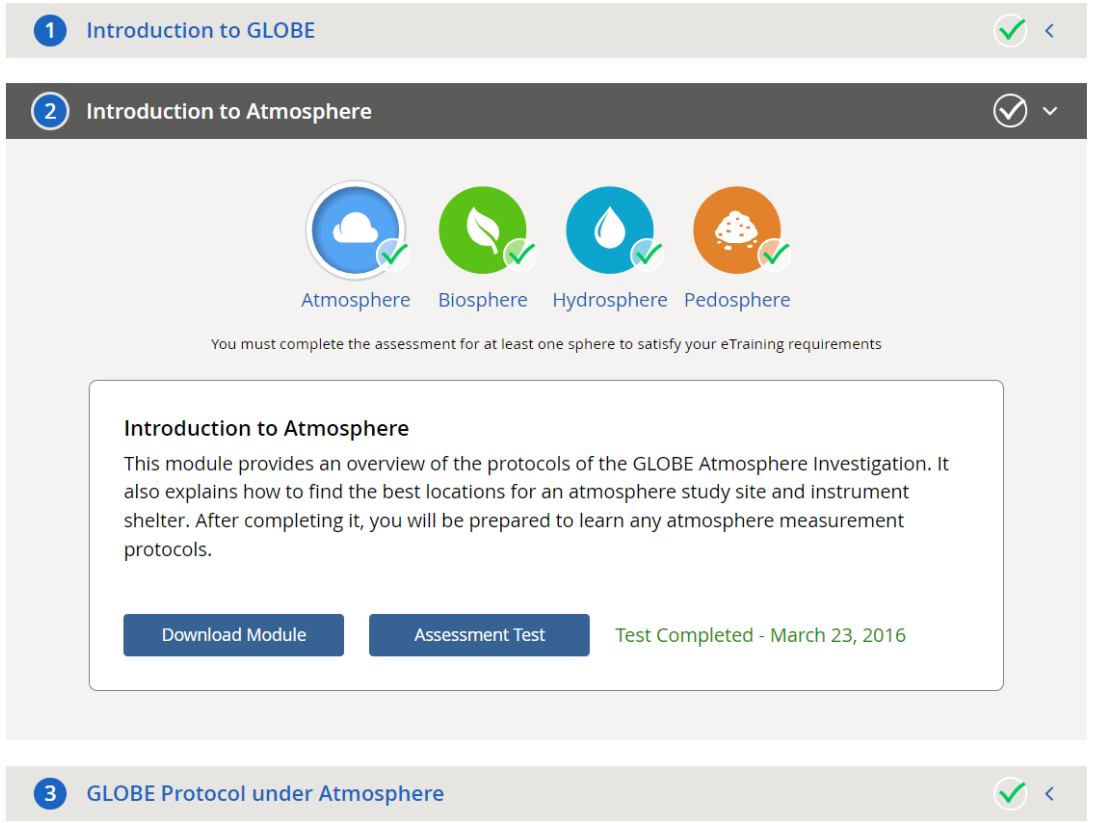
Improved eTraining Protocol Certification Process

Step 1: Complete Introduction to GLOBE eTraining Module.



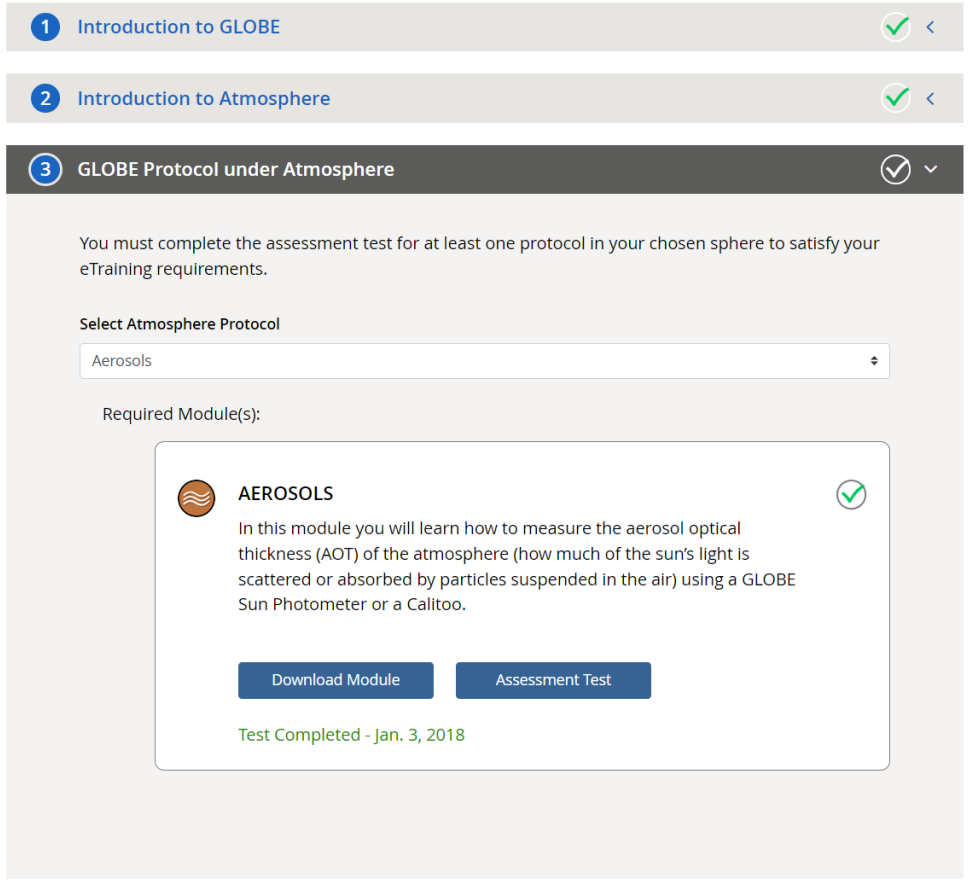
Improved eTraining Protocol Certification Process

Step 2: Select a sphere and complete the Introduction module of the selected sphere.



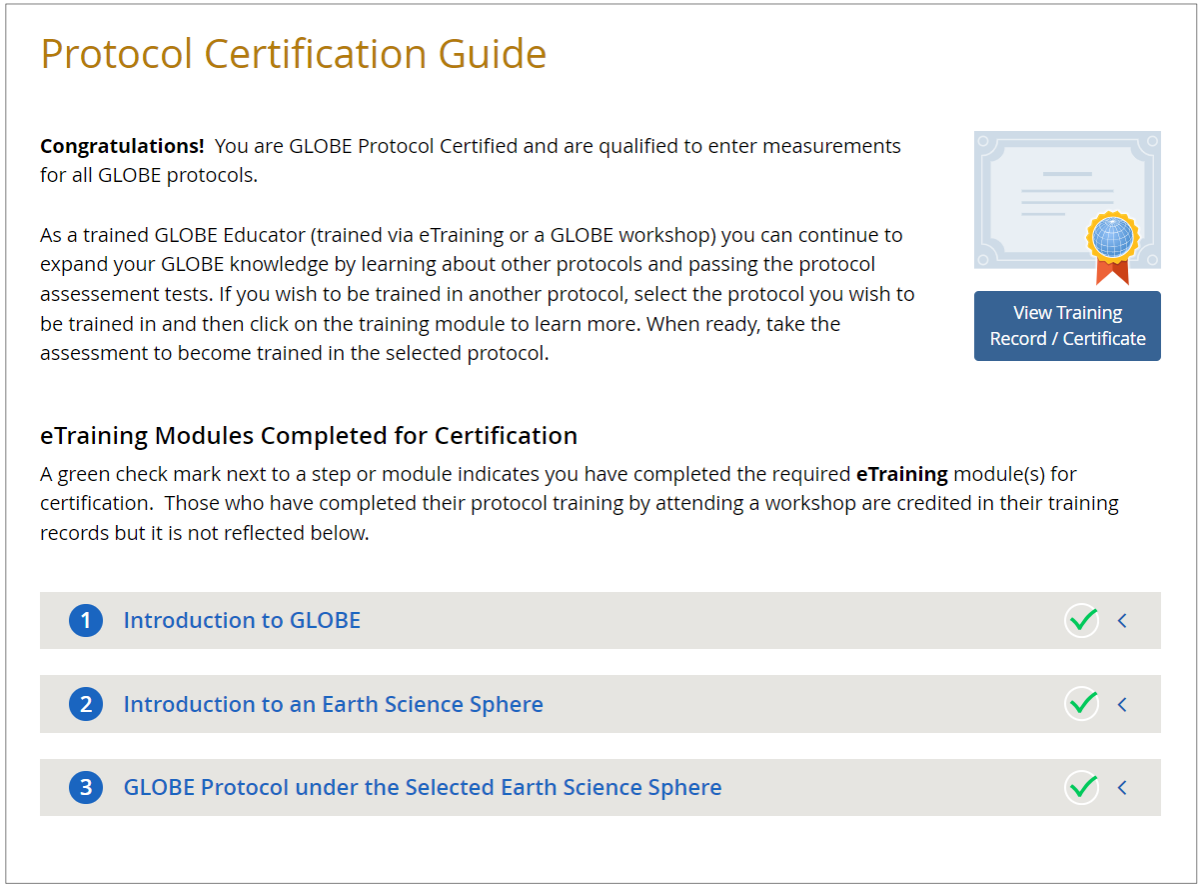
Improved eTraining Protocol Certification Process

Step 3: Select a protocol under the sphere selected and complete one of the required protocol modules.



Improved eTraining Protocol Certification Process

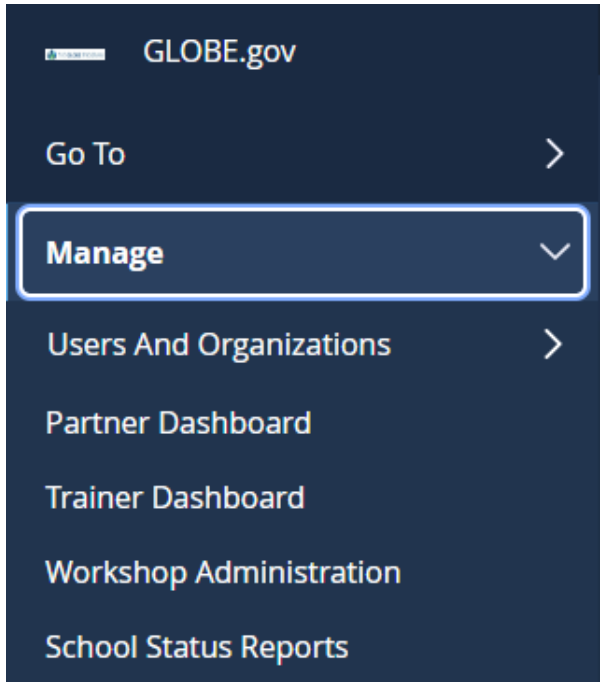
Training is complete and you are now certified.



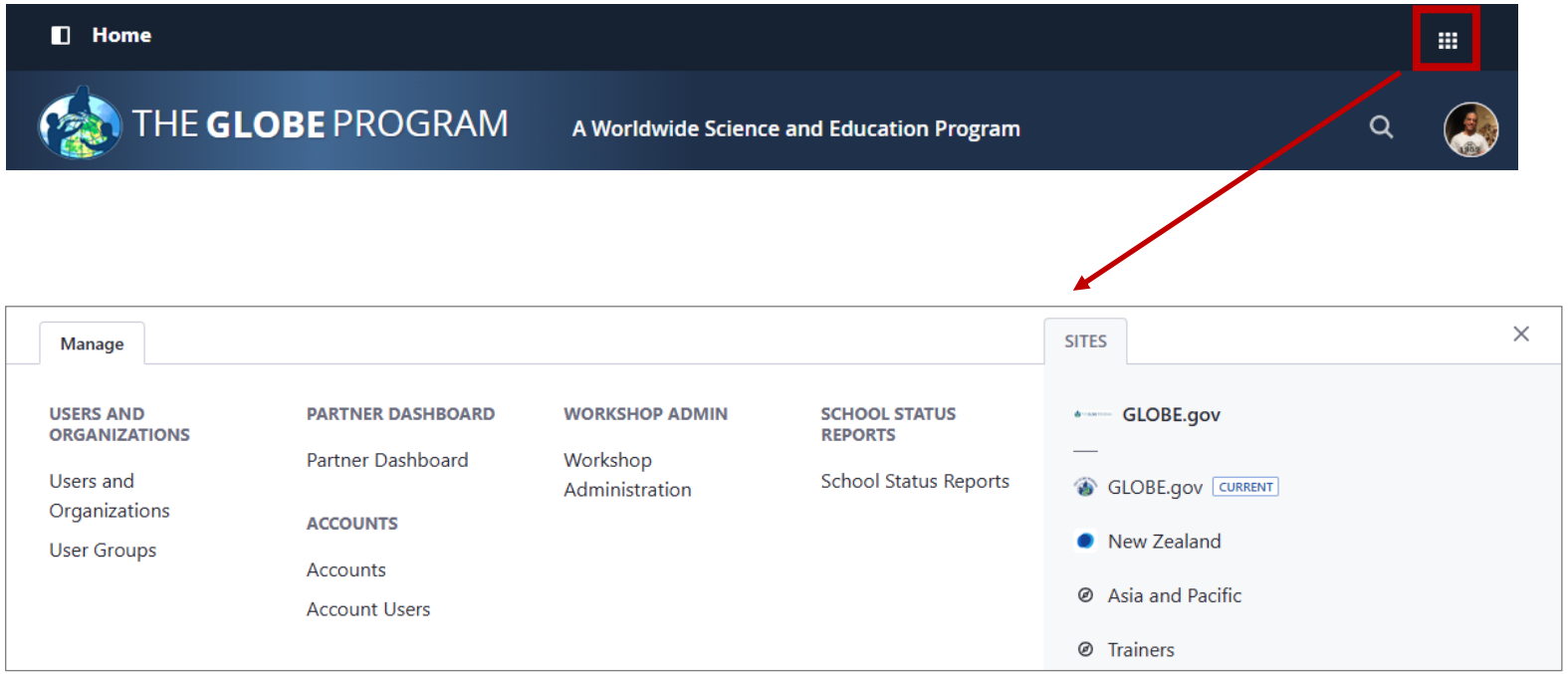
Upgrading the Website to the latest version of software (Liferay 7.4) – Final development and test

- Improved page and content management tools
- More stable version of Liferay
- Better supported

Liferay 7.4 Changes – New Location of the Manage Menu



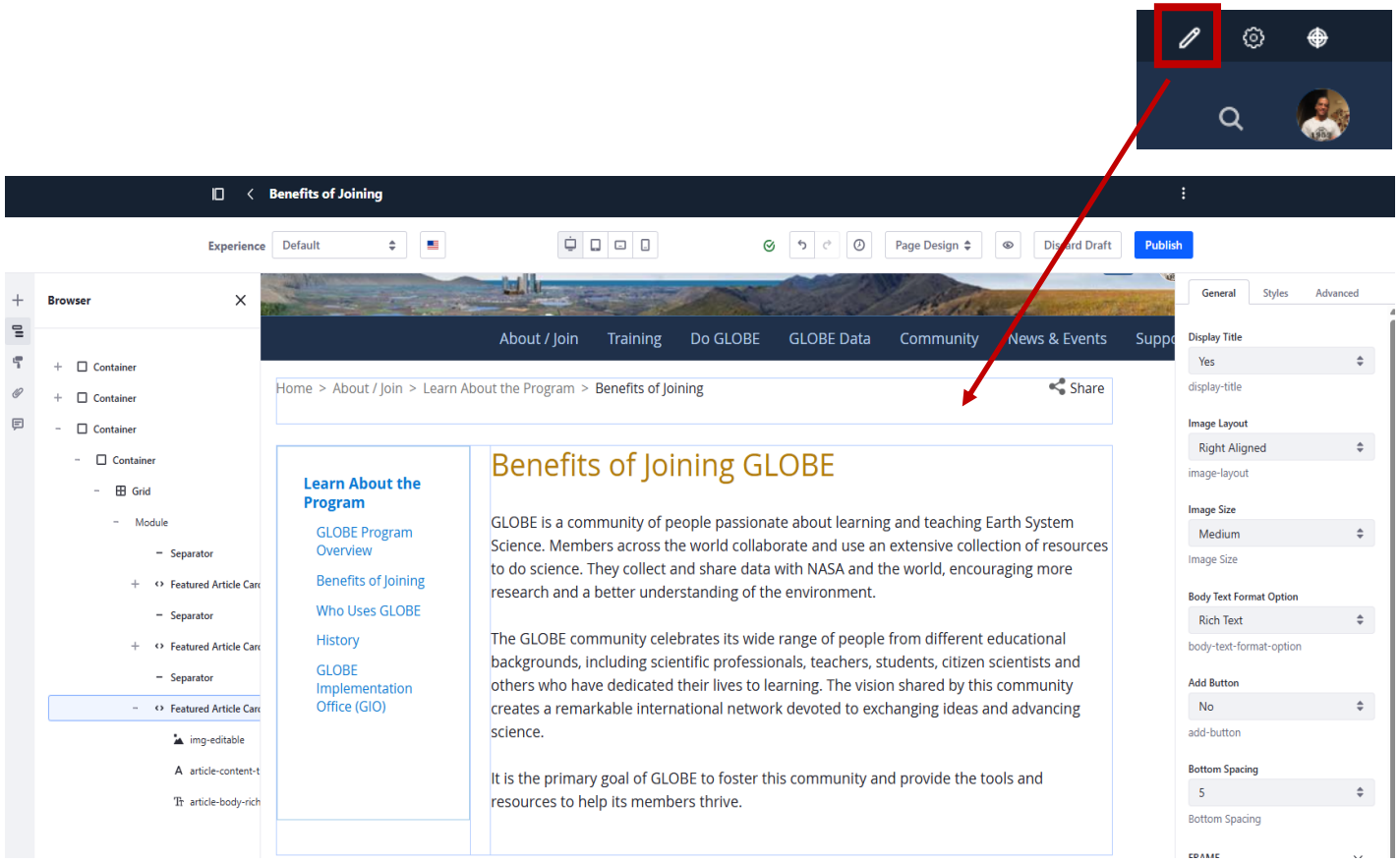
Current



New

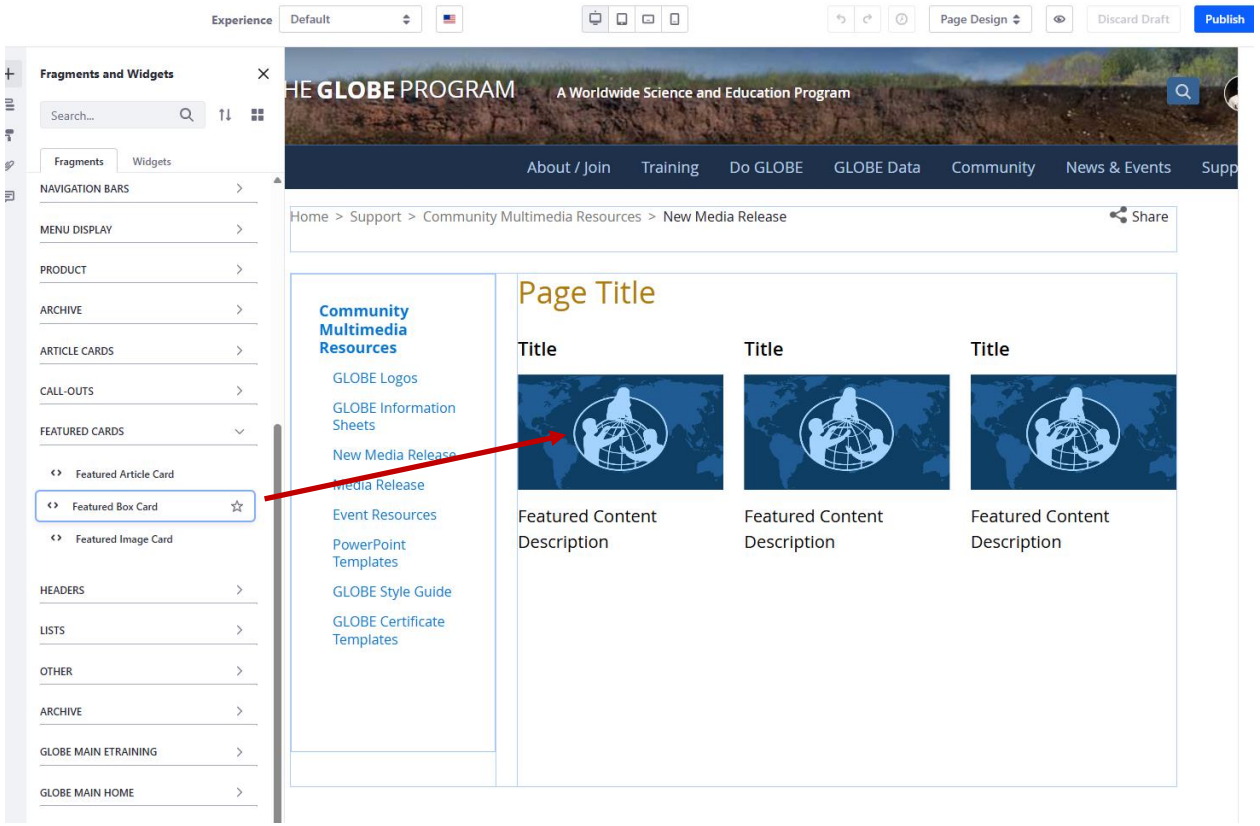
Liferay 7.4 Changes – New Page Type & Editing Interface

- New page type (Content Page) & interface introduced.



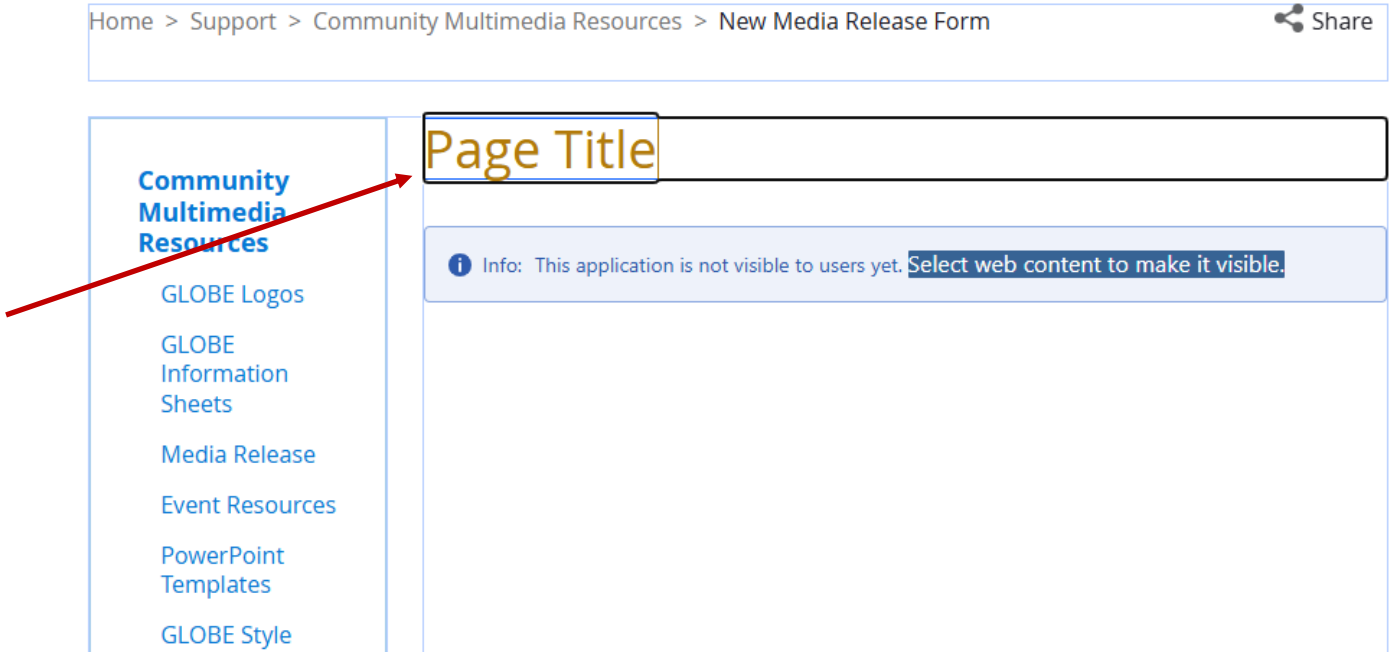
Liferay 7.4 Changes – New Page Type & Editing Interface

- New page type (Content Page) & interface introduced.
- Improved content creation tools that can be dragged onto the page.



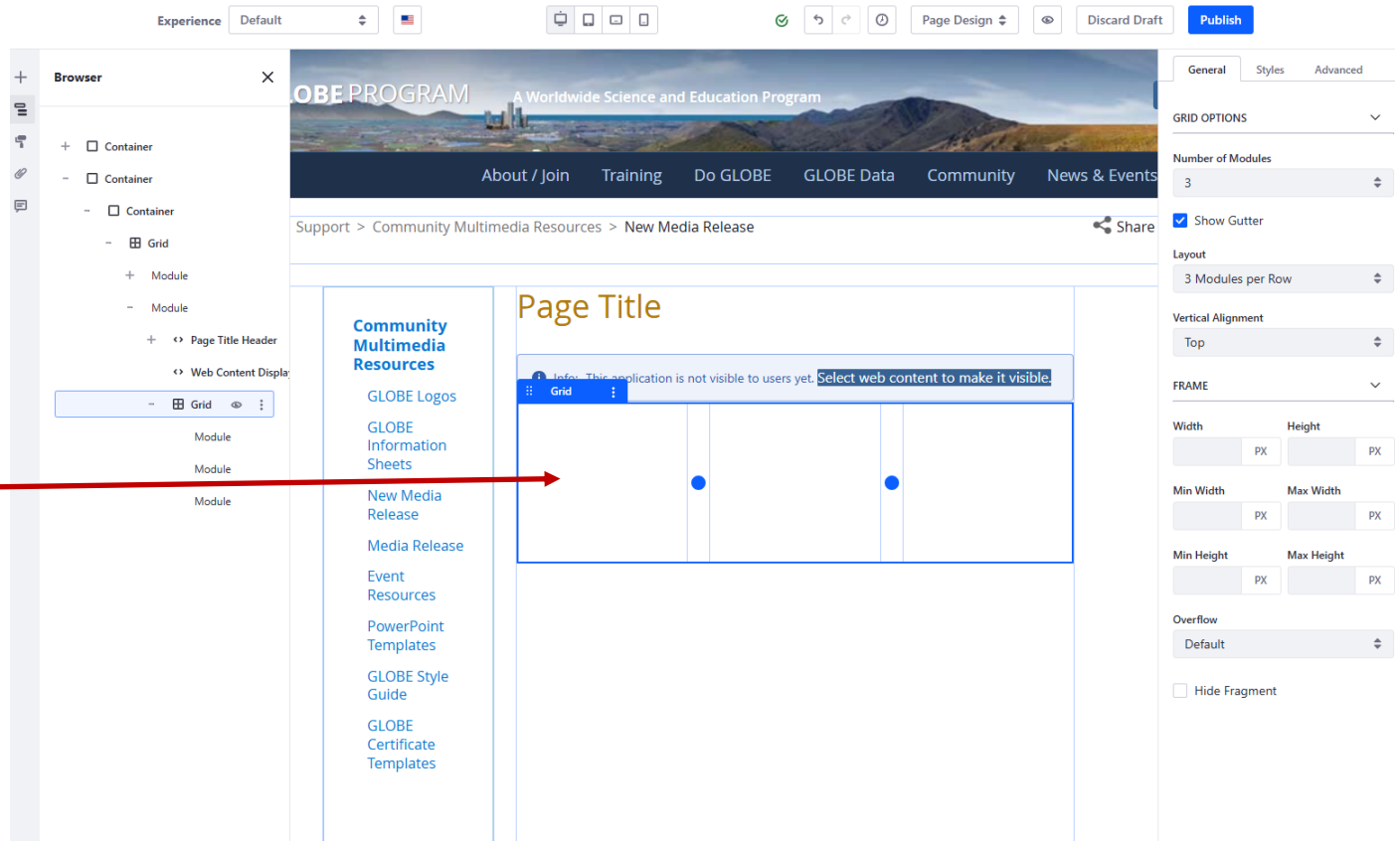
Liferay 7.4 Changes – New Page Type (Content Pages)

- New page type (Content Page) & interface introduced.
- Improved content creation tools that can be dragged on the page.
- Inline editing capability.



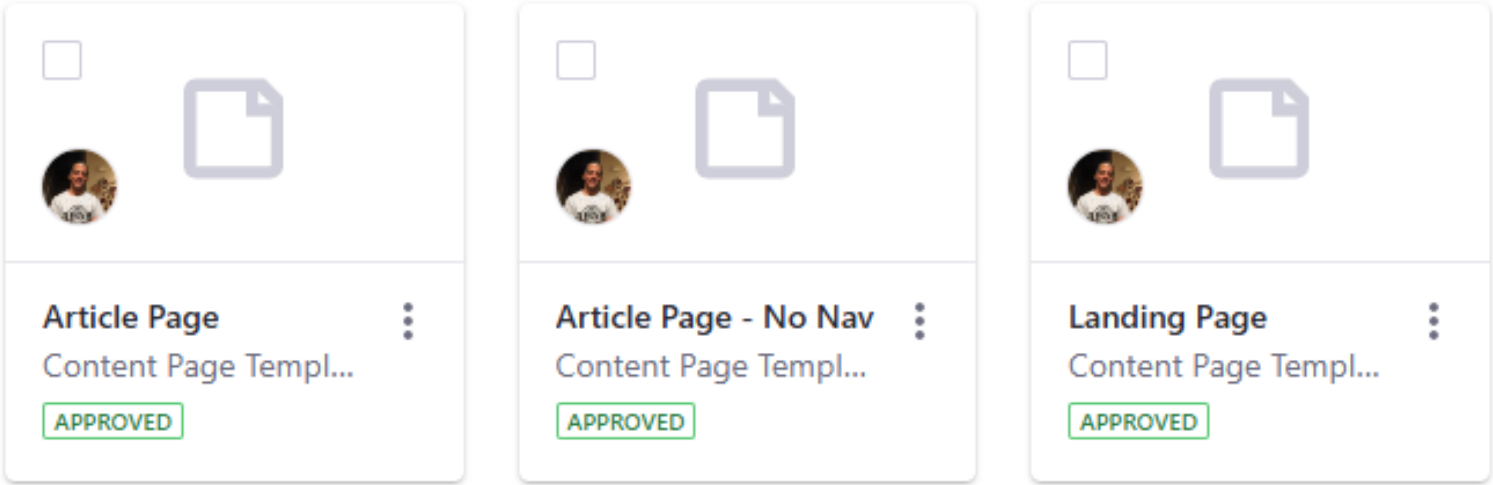
Liferay 7.4 Changes – New Page Type & Editing Interface

- New page type (Content Page) & interface introduced.
- Improved content creation tools that can be dragged on the page.
- Inline editing capability.
- New configurable grid containers to improve layout capabilities.



Liferay 7.4 Changes – New Content Page Templates

- Custom page templates can be created for your region or country.



Other Planned Site Enhancements After the Upgrade

- Integrated Language Translation Tool for all Pages
- Improved Protocol/Teachers Guide Section
- Improved Campaign & Projects Section
- Enhanced User Dashboards
- Member Badges
- Improved Site Search

Our priorities

- **We hear from you what is important in your country.** Please tell us what you think would improve things.
- Work with your Technology Working Group representative for your region to carry messages and ideas to us.
- Tell us what's working and what you think could be done better – We don't improve without your input.

Contact Information

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...and thank you again!

For more information visit www.globe.gov