

The Johns Hopkins University

*Upon the recommendation of the Faculty of
The Zanvyl Krieger School of Arts and Sciences
has conferred upon*

Fisseha Gebremariam Berhane

the degree of

Doctor of Philosophy

Earth and Planetary Sciences

*with all the rights, honors and privileges appertaining thereto.
Given under the seal of the University at Baltimore, Maryland
on May eighteenth, two thousand and sixteen.*



Beverly Wendland
James B. Krupp Distinguished Professor for the School of Arts and Sciences

Ronald Daniels
President

W.H. Rowe
Chair of the Board of Trustees

Independent Validation

To ensure the Degree Information is still valid, we highly recommend you visit the School's official website to perform an additional validation.

Please visit <http://web.jhu.edu/registrar/diplomas/validation> to validate the CeDiploma.

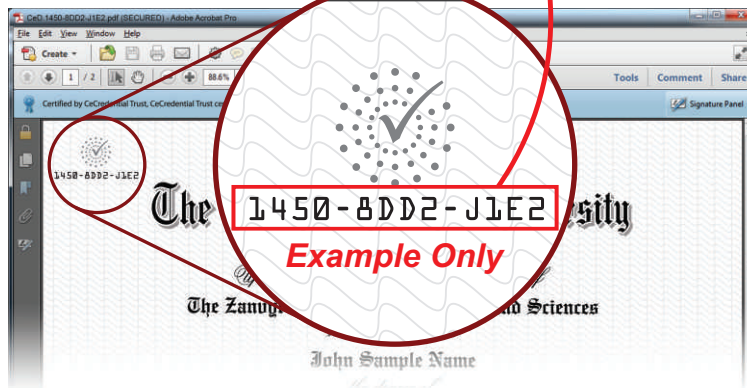
Diploma Validation

Please enter CeDiD (not case sensitive):

Enter the first two letters of the name as it appears on the diploma:

powered by 

The CeDiploma symbol and CeDiD are located on the upper left corner of the diploma.



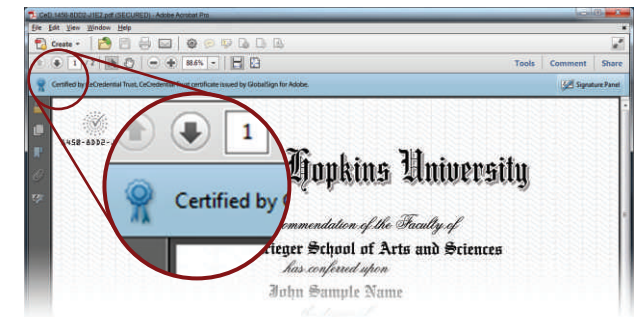
Digital Signature Explanation

Each CeDiploma will be certified by CeCredential Trust and should read as such.



Valid and certified!
Authenticity and Integrity are verified
TRUST

A blue ribbon signifies that the document has not been tampered with.



Error!

The author cannot be verified

DO NOT TRUST
CHECK INTERNET CONNECTIVITY



Error!

The document has been modified since it was signed

DO NOT TRUST

Note to Mac and Linux users: To view a CeDiploma, you must use Adobe Reader or Adobe Acrobat 7.0 or higher.

The digital signature may not display on Tablets or Mobile Phones and cannot be properly viewed with other PDF viewers.

Apostille

Contact the intended Recipient; however, an Apostille is neither required nor necessary. The CeDiploma has legal standing, is non-repudiating, and can be validated through the University's website to provide absolute confidence in the credential's authenticity. Questions should be directed to ASENverify@jhu.edu.