Introduction to Cloud Computing

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Content Title	Module 1 - 2. Introduction to Cloud Computing
Content Type	Lecture Slides
Part Of	Module 1: Fundamentals of CyberGIS
Learning Objectives	(for all of Module 1) By the end of the semester, the students will be able to ○ Understand the important concepts and principles used in the Cyberinfrastructure and CyberGIS research communities. ○ Have a relatively comprehensive overview of the CyberGIS framework with all the key elements and their structuring. ○ Widen their vision of GIS in the emerging paradigm of big data driven research.
Background Knowledge	(for all of Module 1) Basic concepts and terminology of GIS and computing (e.g. data processing, programming, algorithm)
Resources Needed	(for all of Module 1) Theoretical module; no requirement on hardware or software
Work Mode	(for all of Module 1) Watching the lectures in person and reading assigned articles
Relation to Project	(for all of Module 1) This module is designed to lay the basic theoretical foundation for CyberGIS as a scientific discipline and to prepare students for more advanced topics such as High Performance Geocomputing.

Feedback Needed	(for all of Module 1) General feedback