# Introduction to Hadoop

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| Creator Name | Jie Tian |
| Content Title | Module 2 - 3. Introduction to Hadoop |
| Content Type | Lecture Slides |
| Part Of | Module 2: CyberGIS Platform and Software |
| Learning Objectives | (for all of Module 2)<br><br>By the end of the semester, the students will be able to:<br><br>○ Appreciate the value of CyberGIS in performing computationally intensive analyses on big geospatial data.<br>○ Get familiarized with the CyberGIS software ecosystem and competence using the gateway and the toolkit.<br>○ Re-think the classic geospatial analyses in the context of cyberinfrastructure and high performance computing. |
| Background Knowledge | (for all of Module 2)<br><br>• Concepts and terminology introduced in Module I<br>• Basic computer literacy |

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| Resources Needed | (for all of Module 2)<br>• Linux Operating System<br>• Cloudera Manager |
| Work Mode | (for all of Module 2) Watching the lectures and doing lab assignments |
| Relation to Project | (for all of Module 2) This module (estimated 20-25 hours) is designed to attract students who have taken Module I and would want to learn more practical knowledge and skills of CyberGIS. |
| Feedback Needed | (for all of Module 2) General feedback |