



DEPARTMENT OF GEOGRAPHICAL SCIENCES

University of Maryland
College Park



Department Composition

Current Faculty and Staff

- 15 T/TT Professors (8 Full, 5 Assoc, 2 Asst)
- 7 Faculty Lecturers (full and part-time)
- 36 Research Professors
- 16 Research Associates/Post Doc Associates
- 39 Faculty Specialists

- 5 Emeritus Professors (3 Professors and 2 Assoc Profs)
- 21 Adjunct Professors (external, non-funded)
- 19 Visitors (on site or in process)
- 15.5 Staff (7.5 Admin, 5 Academic, 3 Tech. Support)

Tenured and Tenure-Track Faculty

- Giovanni Baiocchi, Asst. Prof. – economic geography
- Leila DeFloriani, Full Prof. - geographic information science
- Ralph Dubayah, Full Prof. (Assoc. Chair) – ecosystems remote sensing
- Martha Geores, Assoc. Prof. – cultural geography
- Matt Hansen, Full Prof. – landcover/land use remote sensing
- George Hurtt, Full Prof. – ecosystems modeler
- Chris Justice, Full Prof. (Chair) – landcover/land use remote sensing
- Eric Kasischke, Full Prof. – ecosystems remote sensing
- Shunlin Liang, Full Prof. – energy balance remote sensing
- Tatiana Loboda, Assoc. Prof. – ecosystems remote sensing
- Grant McKenzie, Asst. Prof. - geographic information science
- Christina Prell, Asst. Prof. – human geography and social networks
- Julie Silva, Assoc. Prof. – economic and human geography
- Kathleen Stewart, Assoc. Prof. - geographic information science
- Laixiang Sun, Full Prof. – economic geography

Department Composition

Student Body

- 78 PhD students
- 5 Masters Student
- c.100 MPS GIS students
- 298 Undergraduate Majors
 - 196 GIS
 - 62 GEOG
 - 21 Env Sci Policy - Land Use
 - 15 Env Sci Policy - Marine/Coastal
 - 4 Env Sci Policy - Global Change

Department of Geographical Sciences

- External Research Grant Funding
 - FY13 M\$13.2, FY14 M\$12.5, FY15 M\$16.8, FY16 M\$13.3
 - Top earning Department in the College of Behavioral and Social Sciences
 - 2016 4th Ranked Earning Department on Campus after Physics, Astronomy, Mech. Engineering
- State Funding
 - FY15 \$2.6M
- Nationally Ranked #3 PhD granting Geography Department (NRC)
- UMD Ranked #2 Globally for Remote Sensing Publications (2017)
- UMD Ranked #4 Globally in Digital Earth Research (IJDE 2017)

Department of Geographical Sciences

Key Research Areas

- **Human Dimensions of Global Change – Coupled Human and Natural Systems**
- **Land Cover – Land Use Change**
- **Carbon, Vegetation Dynamics and Landscape-Scale Processes**
- **Geospatial-Information Science**
- **Remote Sensing**

Department of Geographical Sciences: Research Centers

- **Center for Geographic Information Science (CGIS)**
 - Director: Kathleen Stewart
- **Joint Center for Carbon Cycle Science (JCCC) w. NASA GSFC**
 - Directors: George Hurtt, Compton Tucker (GSFC)
- **Center for Global Agricultural Monitoring Research (CGAMR)**
 - Directors: Inbal Becker, Matt Hansen, Chris Justice
- **The Global Land Cover Facility**
 - Director: John Townshend
- ***Center of Excellence in Remote Sensing (NEW - under development)***
 - *Director: Ralph Dubayah*

Participate in **NOAA Cooperative Institute for Climate and Satellites (CICS MD)**
hosted by the **Earth System Science Interdisciplinary Center (ESSIC)**