

**NATIONAL SCIENCE FOUNDATION
U.S. GLOBAL CHANGE RESEARCH PROGRAM SUMMARY
FY 2019 BUDGET REQUEST TO CONGRESS**

(Dollars in Millions)

| | BIO | CISE | ENG | GEO | MPS | SBE | OISE | OPP | RRA | EHR | Total, NSF |
|---|----------------|------|-----|-----------------|----------------|----------------|------|----------------|-----------------|-----|-----------------|
| Total, FY 2017 Actual | \$79.26 | - | - | \$130.00 | \$0.50 | \$17.98 | - | \$15.15 | \$242.89 | - | \$242.89 |
| Communication and Education | - | - | - | - | - | - | - | - | - | - | - |
| Integrated Modeling | - | - | - | 22.00 | 0.50 | 3.50 | - | 3.28 | 29.28 | - | 29.28 |
| Integrated Observations | 50.26 | - | - | 20.00 | - | - | - | 5.00 | 75.26 | - | 75.26 |
| Multidisciplinary Earth and Human System Understanding | 29.00 | - | - | 82.00 | - | 5.73 | - | 6.87 | 123.60 | - | 123.60 |
| Science of Adaptation and Science to Inform Adaptation Decisions | - | - | - | 6.00 | - | 8.75 | - | - | 14.75 | - | 14.75 |
| Delta from FY 2017 Actual to FY 2019 Request | \$10.74 | - | - | -\$10.00 | -\$0.50 | -\$4.80 | - | - | -\$4.56 | - | -\$4.56 |
| Communication and Education | - | - | - | - | - | - | - | - | - | - | - |
| Integrated Modeling | - | - | - | -2.00 | -0.50 | - | - | - | -2.50 | - | -2.50 |
| Integrated Observations | 14.74 | - | - | - | - | - | - | - | 14.74 | - | 14.74 |
| Multidisciplinary Earth and Human System Understanding | -4.00 | - | - | -7.00 | - | -2.00 | - | - | -13.00 | - | -13.00 |
| Science of Adaptation and Science to Inform Adaptation Decisions | - | - | - | -1.00 | - | -2.80 | - | - | -3.80 | - | -3.80 |
| Total, FY 2019 Request | \$90.00 | - | - | \$120.00 | - | \$13.18 | - | \$15.15 | \$238.33 | - | \$238.33 |
| Communication and Education | - | - | - | - | - | - | - | - | - | - | - |
| Integrated Modeling | - | - | - | 20.00 | - | 3.50 | - | 3.28 | 26.78 | - | 26.78 |
| Integrated Observations | 65.00 | - | - | 20.00 | - | - | - | 5.00 | 90.00 | - | 90.00 |
| Multidisciplinary Earth and Human System Understanding | 25.00 | - | - | 75.00 | - | 3.73 | - | 6.87 | 110.60 | - | 110.60 |
| Science of Adaptation and Science to Inform Adaptation Decisions | - | - | - | 5.00 | - | 5.95 | - | - | 10.95 | - | 10.95 |