OER FY2016 Budget

Ocean Exploration Advisory Board Meeting

March 31, 2015 – La Jolla, California
NOAA’s FY 2016 budget request makes targeted investments in the four agency priorities.

Budget Details: http://goo.gl/j5NzXJ
OER Budget: NOAA & OAR Context

NOAA Driver
- Environmental Intelligence

NOAA FY2014-2018 Priorities
- Community Resilience
- Weather Service Evolution
- Observational Infrastructure
- Organizational excellence

NOAA Goals
- Climate Adaptation & Mitigation
- Weather Ready Nation
- Healthy Oceans
- Resilient Coastal Communities & economies

OAR Activities

Research
- Observations & Data
- Models & Experiments
- Studies & Assessments

Development
- Predictions & Projections
- Emerging Technologies

Transition
- Extension & Outreach
- Technology Transfer
### OER Budget: NOAA Context

<table>
<thead>
<tr>
<th>Agency</th>
<th>Budget Request</th>
<th>Percentage of Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>NESDIS</td>
<td>$2,379,627K</td>
<td>38.2%</td>
</tr>
<tr>
<td>NWS</td>
<td>$1,098,878K</td>
<td>17.6%</td>
</tr>
<tr>
<td>NMFS</td>
<td>$990,121K</td>
<td>15.9%</td>
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<tr>
<td>PS</td>
<td>$677,040K</td>
<td>10.9%</td>
</tr>
<tr>
<td>NOS</td>
<td>$573,960K</td>
<td>9.2%</td>
</tr>
<tr>
<td>OAR</td>
<td>$507,035K</td>
<td>8.1%</td>
</tr>
</tbody>
</table>

**NOAA’s FY2016 Budget Request:**

$6.0 Billion

$0.5 Billion (9.8%) over FY 2015 Enacted Budget
OER Budget: OAR Context

OAR’s FY2016 Budget Request: $507 Million

- Climate Research: $188,760K (37.2%)
- Ocean, Coastal, and Great Lakes Research: $186,412K (36.8%)
- Weather and Air Chemistry Research: $97,340K (19.2%)
- Procurement, Acquisition, and Construction: $22,379K (4.4%)
- Innovative Research and Technology: $12,144K (2.4%)

$54.1 Million (12.0%) over FY 2015 Enacted Budget

- Climate: $29.2 Million Increase
- Oceans: $11.2 Million Increase
- Weather: $4.6 Million Increase
- PAC: $9.0 Million Increase
- Tech: $0.1 Million Increase
OER Budget: FY2016 & Prior Years

OER FY2016 Budget Request: $19.3 Million

- $8.7 M (-31.1%) decrease from FY15 Enacted
- $0.1 M (+0.5%) increase over FY15 Request
OER Budget: Strategic Investment Areas

**EVOLVE**
Science & Technology Advancement

**EXPLORE**
Expedition Mission Execution

**ENGAGE**
Education, Outreach, and Data Delivery
OER Budget: Strategic Investment Areas

**EVOLVE**
Science & Technology Advancement

**EXPLORE**
Expedition Mission Execution

**ENGAGE**
Education, Outreach, and Data Delivery

<table>
<thead>
<tr>
<th>Year</th>
<th>Evolve</th>
<th>Explore</th>
<th>Engage</th>
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<tbody>
<tr>
<td>FY13</td>
<td>$2M</td>
<td>$14M</td>
<td>$4M</td>
</tr>
<tr>
<td>FY14</td>
<td>$8M</td>
<td>$12M</td>
<td>$4M</td>
</tr>
<tr>
<td>FY15</td>
<td>$8M</td>
<td>$14M</td>
<td>$4M</td>
</tr>
<tr>
<td>FY16 (PB)</td>
<td>$6M</td>
<td>$10M</td>
<td>$4M</td>
</tr>
</tbody>
</table>

OceanExplorer.NOAA.gov
# OER Budget: Ship Time Investments

<table>
<thead>
<tr>
<th></th>
<th>FY13</th>
<th>FY14</th>
<th>FY15</th>
<th>FY16</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Okeanos Explorer</strong></td>
<td>116 DAS</td>
<td>122 DAS</td>
<td>175 DAS</td>
<td>190 DAS</td>
<td>Collaborative projects open to broad science community with open access data.</td>
</tr>
<tr>
<td></td>
<td>$880K</td>
<td>$0K</td>
<td>$249K</td>
<td>$0K</td>
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</tr>
<tr>
<td><strong>E/V Nautilus</strong></td>
<td>80 DAS</td>
<td>92 DAS</td>
<td>105 DAS</td>
<td>TBD</td>
<td>OET partnership ship time funding.</td>
</tr>
<tr>
<td></td>
<td>$2400K</td>
<td>$3030K</td>
<td>$3150K</td>
<td></td>
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<tr>
<td><strong>UNOLS</strong></td>
<td>10 DAS</td>
<td>85 DAS</td>
<td>60 DAS</td>
<td>TBD</td>
<td>Charters for Cooperative Institute (CI), ECS, and competitive peer review proposals.</td>
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<tr>
<td></td>
<td>250K</td>
<td>$1236K</td>
<td>$2900K</td>
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<tr>
<td><strong>Other NOAA</strong></td>
<td>36 DAS</td>
<td>N/A</td>
<td>1 DAS</td>
<td>30 DAS</td>
<td>Shiptime for BOEM-USGS-OER partnership projects, grants, and ECS.</td>
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<tr>
<td></td>
<td>$293K</td>
<td>$11K</td>
<td>$110K</td>
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Questions?

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