



# Water Mission Area FY21 and FY22 Budget Updates

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# Overview

- FY21 Budget Appropriation
- FY21 New funding increases: focus, and spend plan
- FY22 Presidents Budget
- FY22 Priorities

# WMA Appropriations Budget Table

| Water Resources Mission Area Programs              | 2020           | 2021           | 2021           |                |                |
|--|----------------|----------------|----------------|----------------|----------------|
|  | Enacted        | Request        | House Mark     | Senate Mark    | Enacted        |
| <b>Water Resources Mission Area – All Programs</b> | <b>234,120</b> | <b>180,809</b> | <b>237,443</b> | <b>265,820</b> | <b>263,120</b> |
| <b>Groundwater and Streamflow Information</b>      | <b>84,173</b>  | <b>73,247</b>  | <b>85,752</b>  | <b>105,173</b> | <b>100,673</b> |
| <b>Water Availability and Use Science Program</b>  | <b>47,487</b>  | <b>33,433</b>  | <b>46,051</b>  | <b>58,187</b>  | <b>57,987</b>  |
| <b>National Water Quality Program</b>              | <b>92,460</b>  | <b>74,129</b>  | <b>94,640</b>  | <b>92,460</b>  | <b>93,460</b>  |
| <b>Water Resources Research Act Program</b>        | <b>10,000</b>  | <b>0</b>       | <b>11,000</b>  | <b>10,000</b>  | <b>11,000</b>  |

# WMA FY21 Appropriation Increases + \$32.0M

- ***National Water Quality Monitoring Program Cooperative Matching Funds (+\$1.0M )***
  - +\$0.5M directed for Urban Waters Program
  - +\$0.5M directed for HABs research
- ***Water Availability and Use Science Program (+\$10.5M)***
  - +\$1.0M for research on the hydrologic impacts of water extraction for bottling.
  - +\$9.5M to continue utilizing and implementing the best available technology to develop advanced modeling tools, state-of-the-art forecasts, and decision support systems into daily water operations at the new HIF.
- ***Groundwater and Streamflow Information Program (+\$16.5M)***
  - +\$0.5M to install one and maintain super-gage network along the Ohio River
  - +\$16.0M to proceed with NGWOS in conjunction with the new HIF.
- ***Water Resources Research Act (+\$1.0M)***
  - +\$1.0M for PFAS research.
- ***Deferred Maintenance/Construction (+\$3.0M)***
  - +\$3.0M for New Hydrologic Instrumentation Facility

# WMA FY21 New Funding Focus

## **Funding Language Focus**

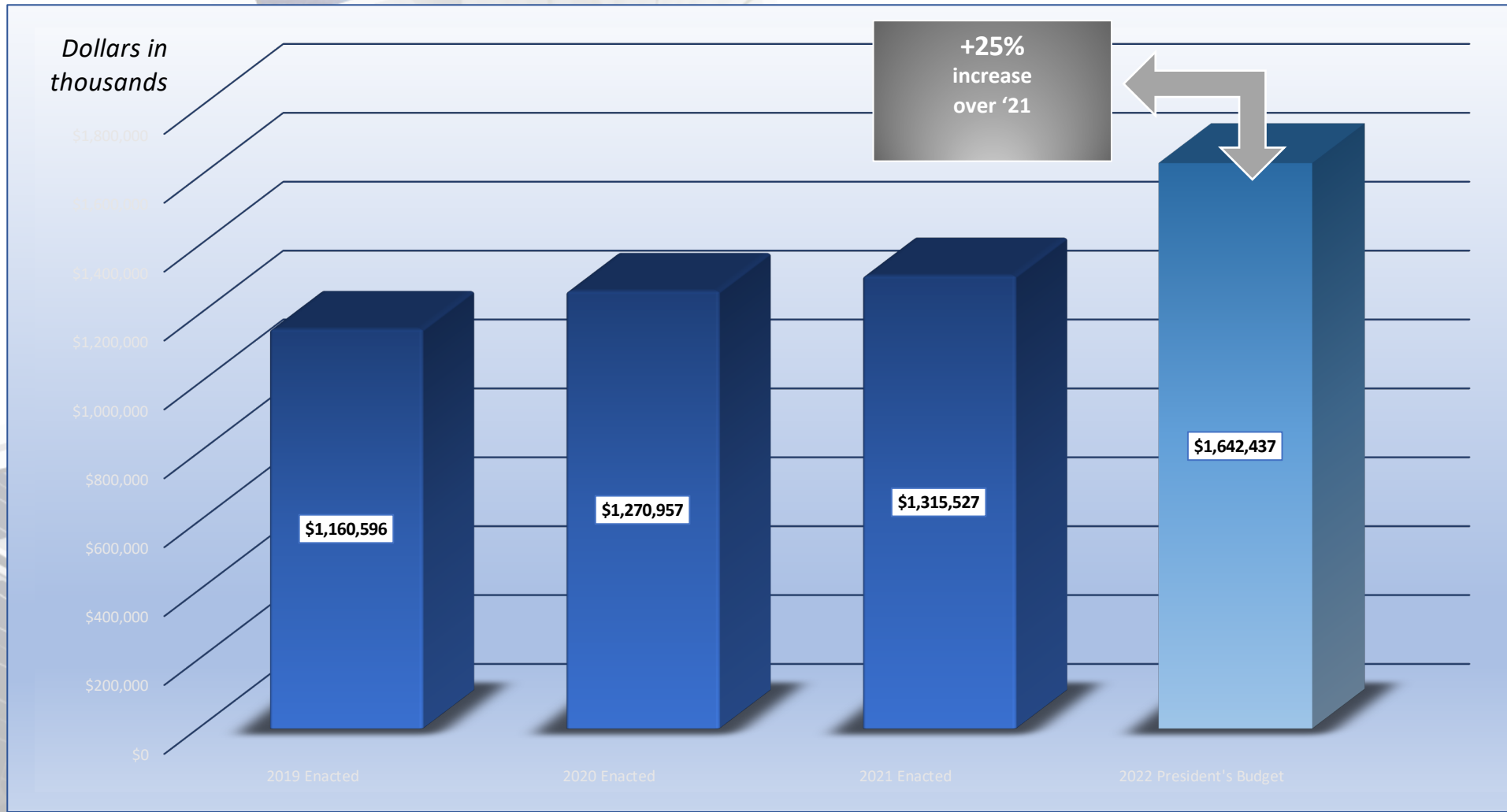
- Advancing modeling, prediction, technology and innovation capacity
- Continued pilot efforts in Integrated Water Science Basins
- New HIF

## **WMA Strategic Planning**

- \$9.5M – IWP: Modeling, Tools, and Decision Support Systems
  - Software and modeling enhancements, training on new tool development
- \$16.0M - NGWOS: Observing System
  - Complete buildout of Delaware River Basin
  - Begin data collections efforts in Upper Colorado River Basin
  - Planning and initial investments in Illinois River Basin
  - Research and Development of new equipment

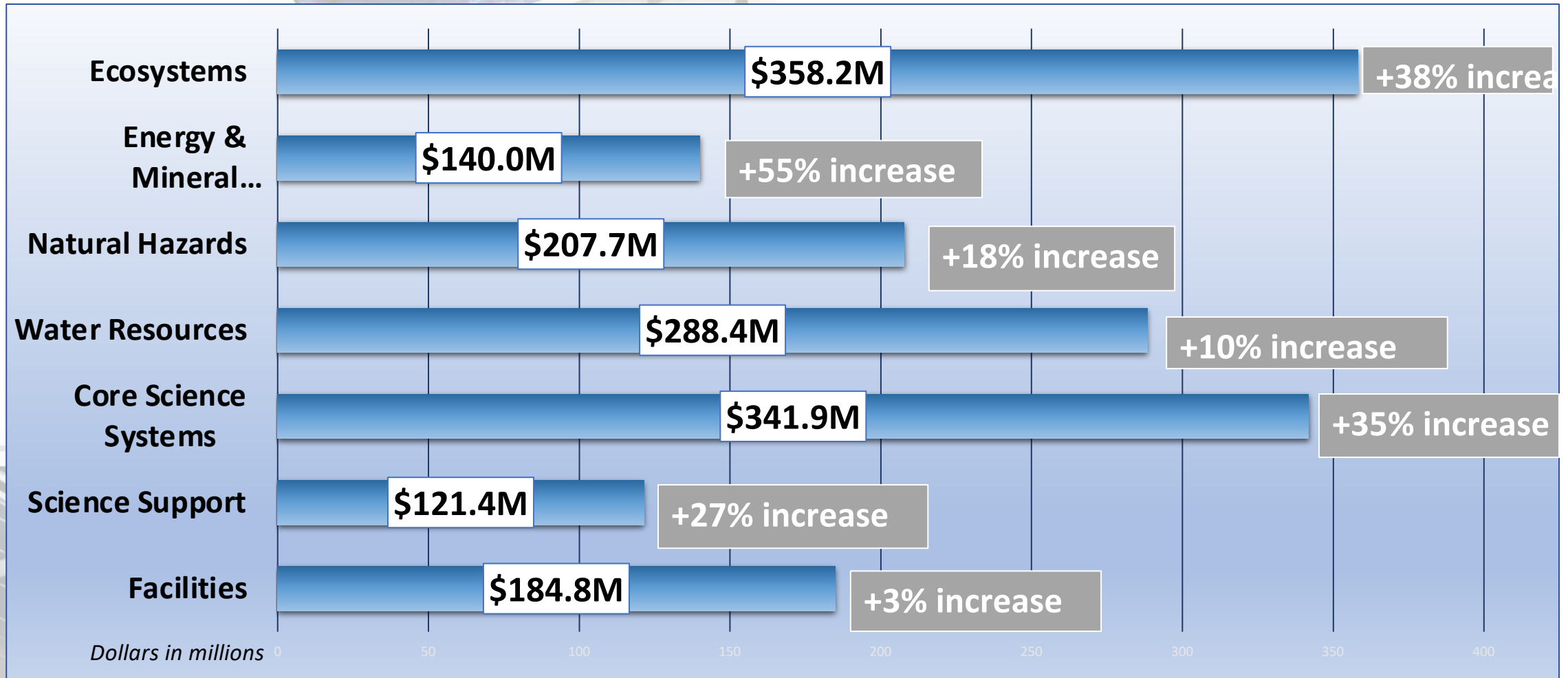
# USGS 2022 President's Budget Request

The 2022 budget request for the USGS is \$1.642 billion, a 25% increase over the 2021 Enacted level.



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# WATER RESOURCES

**\$288.4 Million for Programs**

***Increase of \$25.2 Million from 2021 Enacted***

- **Water Availability and Use Science Program (\$69.5 M)**  
Expands Integrated Water Availability Assessment activities across the U.S. and invests in the development of Integrated Water Prediction capabilities.
- **Groundwater and Streamflow Information Program (\$112.7 M)**  
Supports Next Generation Water Observing System expansion to additional Integrated Water Science basins and supports operations for approximately 3,470 Federal Priority Streamgages.
- **National Water Quality Program (\$95.2 M)**
- **Water Resources Research Act Program (\$11.0 M)**

# WMA FY22 Appropriation Increases +\$25.2M

- ***Uncontrollable Cost Increase to all existing WMA Programs (+5.2M)***
- ***Cooperative Matching Funds (No Increase)***
- ***Water Availability and Use Science Program (+\$10.0M)***
  - **+\$6.0M** for Integrated Water Availability Assessments (IWAAS)
  - **+\$4.0M** to Integrated Water Predication (IWP)
- ***Groundwater and Streamflow Information Program (+\$10.0M)***
  - **+\$3.6M** for Federal Priority Stream Gages (FPS)
  - **+\$6.4M** for Next Generation Water Observing System (NGWOS)

# WMA FY22 New Funding Focus\*

- **\$6.0M – Integrated Water Availability Assessments**
  - Continue National Assessments and develop information products
  - Begin new regional assessments
- **\$4.0M – Integrated Water Prediction**
  - Modeling, Tools, and Decision Support Systems
  - Software and modeling enhancements, training on new tool development
- **\$6.4M - NGWOS: Observing System**
  - Complete buildout in Illinois River Basin
  - Begin data collections efforts in Upper Colorado River Basin
  - Planning and initial investments in Basin #4
- **\$3.6M - FPS: Priority Gages**
  - Stabilize network, current endangered gages
  - Critical upgrades at selected sites

# Questions?



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# Questions?

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Water Resources Mission Area

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