

NWIS Executive Steering Committee

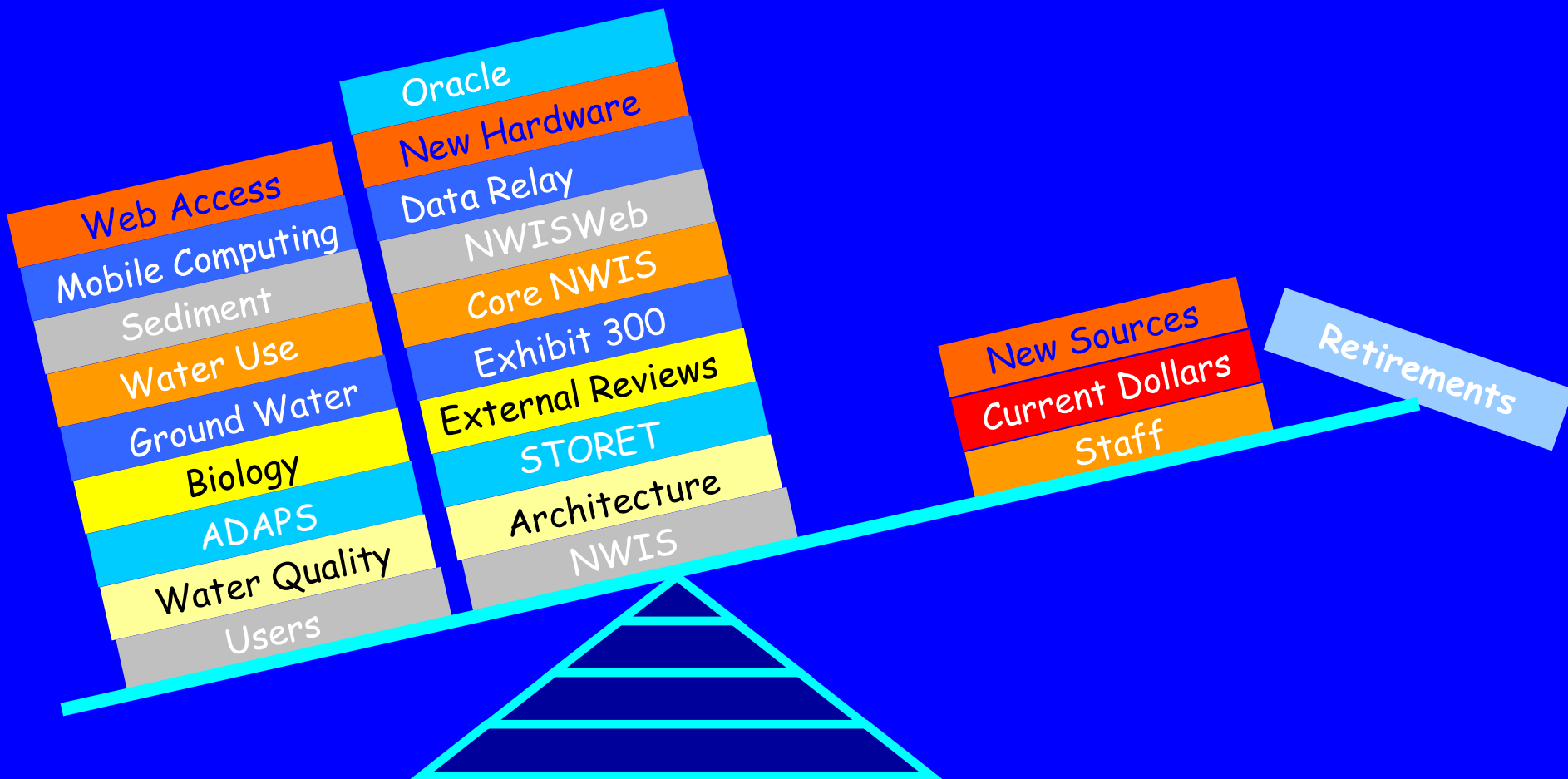
NWIS ESC

- Recommendation of AMS review of NWIS
- Recommendation of ITAC subgroup
- Established by WRD Sr. Staff

NWIS ESC Purpose

- The National Water Information System (NWIS) Executive Steering Committee (ESC) shall provide oversight on priorities, resource allocations, and overall NWIS direction. The ESC also shall facilitate communication between NWIS and stakeholder groups.

Balancing Needs and Resources



NWIS ESC Membership

Membership

- | | |
|--|----------------------------|
| • Chief, Office of Information (Chair) | Steve Blanchard,
Acting |
| • Chief, Office of Surface Water | Mike Norris, Acting |
| • Chief, Office of Ground Water | Bill Cunningham |
| • Chief, Office of Water Quality | Tim Miller |
| • Regional Hydrologist | Bill Carswell, CR |
| • Data Chief | Steve Lipscomb (ID) |
| • District Chief ** | Eric Evenson (NJ) |

Resources Staff:

- | | |
|---|-----------|
| • Chief, National Water
Information System | Alan Lumb |
|---|-----------|

October Meeting Decisions

- ADAPS 4.2 Release is most important; ESC will review project plan and status matrices
- ESC will not consider increasing scope of NWIS by adding sediment and biology until after release 4.2
- NWIS Web will be for both internal and external users, scope of each TBD
- Plan to start “getting off treadmill” after release 4.2 and before release 5 – no date set for release 5

November Meeting Decisions

Release 4.2 Contract

- ESC accepted the proposed contract format from NWIS – scope of release, milestones, metrics, process for changing contract, and resources
- The milestones need to be modified and linked to metrics, dependencies, and critical pathways
- Contract is between ESC and NWIS

December Meeting Architecture

Assumptions

1. Network reliability

- Unplanned down time LT 4 hrs
1x/month
- Have capacity we have now – cyber seminars
- We don't want it to be any slower than now
- We want to improve field offices

December Meeting Architecture Assumptions

2. Minimize work by NWIS to manage a release – no more than current level
3. Owner of data have control over data
4. Bureauwide accepted and supported DBMS will be Oracle
5. Customers expect no increase in cost of delivery of data
6. “Natweb” will be up and functioning by end of FY03

December Meeting Architecture Decisions

1. No more de-centralized than now –
production and application
2. NWIS and NWIS ESC leaning to JAVA
3. Set aside intentional resources for 24x7
support for NWISWeb, Natweb,...
 - Find problems before customers
 - Coverage TBD may be LT 24x7
 - Make robust system to minimize coverage

December Meeting Architecture Decisions

4. Will have min of 3 locations for use application server and DB
5. No more production application servers than number of offices
6. No more than 48 production DB servers (current) and look to reduce. Ex. FL 4 to 1

December Meeting

User Groups

- User groups primary owner of NWIS products, NWIS secondary
- Discipline Offices select members
- NWIS selects NWIS support staff
- User groups lead, NWIS supports

December Meeting

User Groups

Tasks and Responsibilities:

1. Define/document requirements and test cases
2. Prioritize requirements
3. Prepare test plans and conduct tests
4. Review high level design
5. Resolve “business rule” issues
6. Prepare policy memos, communicate
7. Communicate/coordinate w/other user groups
8. Plan, prepare, conduct user training
9. Assist w/user support; NWIS take lead

NWIS ESC Future Topics

- Release 4.2 progress update
- NWIS/STORET – CDX update
- Architecture issues
- Getting off the treadmill
- XML/field computer interface issue
- Graphics
- Alternate databases
- NWISWeb scope - internal/external
- Code documentation
- Cross-training back-up programmers

NWIS ESC “Success”

- Engages Sr. Staff and field more
- Better user group functioning
- Better relationships with NWIS
- Prioritizing for Sr. Staff
- Elevated emphasis on NWIS and software development and support

NWIS ESC Information

http://wwwnwis.er.usgs.gov/cm/esc/ESC_index.html