Outreach Activities at the NNDC

Boris Pritychenko National Nuclear Data Center November 8, 2007



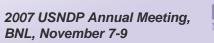




Why Outreach Program at the NNDC?

- ☐ USNDP is funded by U.S. taxpayers money
- Nuclear Data Services are part of the NNDC mission
- USNDP/NNDC would like to know nuclear data needs
- Nuclear Data Users often have problems extracting information from the databases and need help





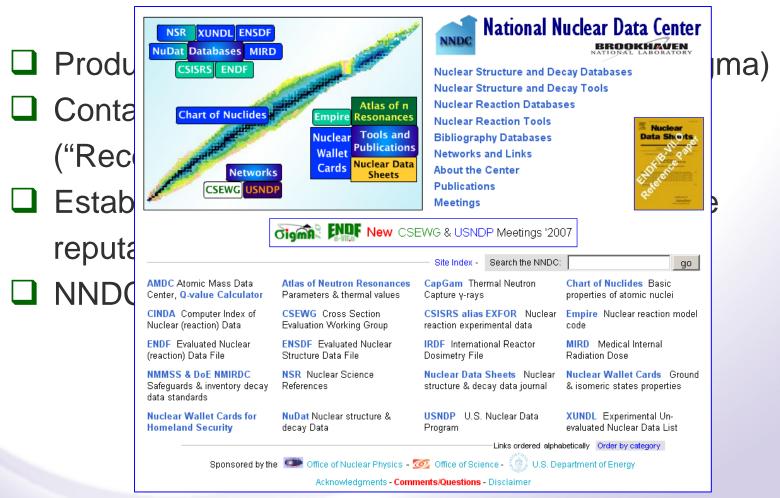
Direct Outreach

Direct contacts with researchers & universities
Personal contacts
Active/proactive response to the users needs
Nuclear Wallet Cards by J.K. Tuli for students at MSU, Notre Dame, Colorado School of Mines, ...
NNDC booth/presence (ND 2004, CGS-12, PHYSOR 2006, NIC-IX)
Poster
Handouts (Leaflets, Nuclear Wallet Cards, ND Sheets,...)



Representative for informal contacts

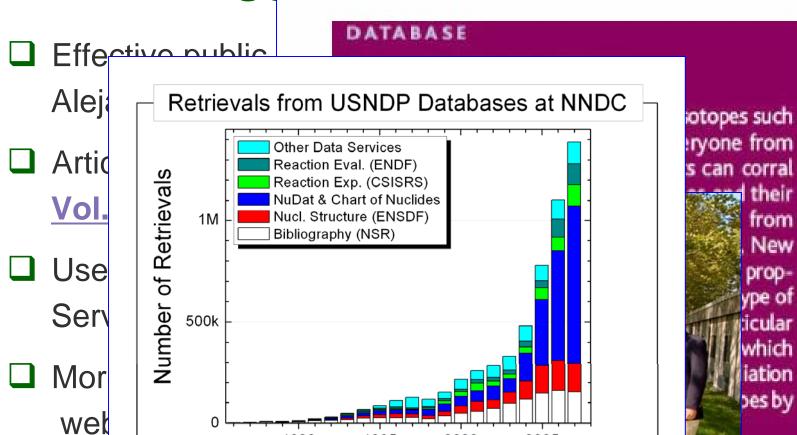
Indirect (Web) Outreach







Usar Pachanca





2005

2005

1990

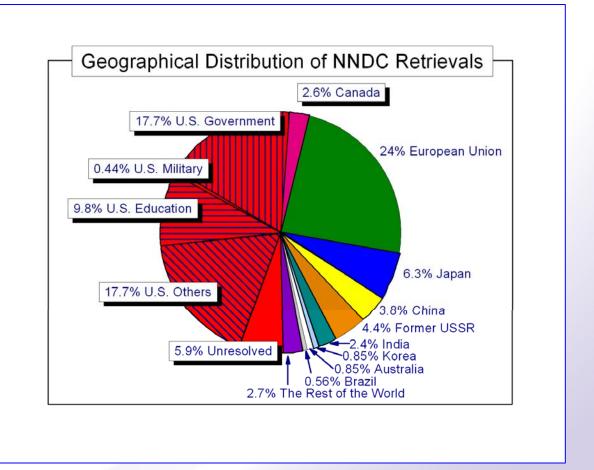
1995

2000

Fiscal Year

Geography

- North Amer
- EU ~24%
- Web server information







Lessons Learned

■ Nuclear Data Users are often shy and refrain from direct comments unless they really know you Informal contacts are very productive ■ Nuclear structure DB serve mostly research while nuclear reaction DB serve applied users ☐ DB information often has to be preprocessed before it becomes useful ☐ To increase U.S. usage: Target specific user groups (U.S. Education, Nuclear Astrophysics, ...)



Conclusion & Outlook

- Outreach activities contribute to the success of **USNDP & NNDC**
- Informal contacts are very productive
- Major products often have to be tailored to the user needs (NuDat, Astrophysical Reaction Rates,...)
- □ NNDC outreach in 2008 will target NS'08, NIC-X conferences



