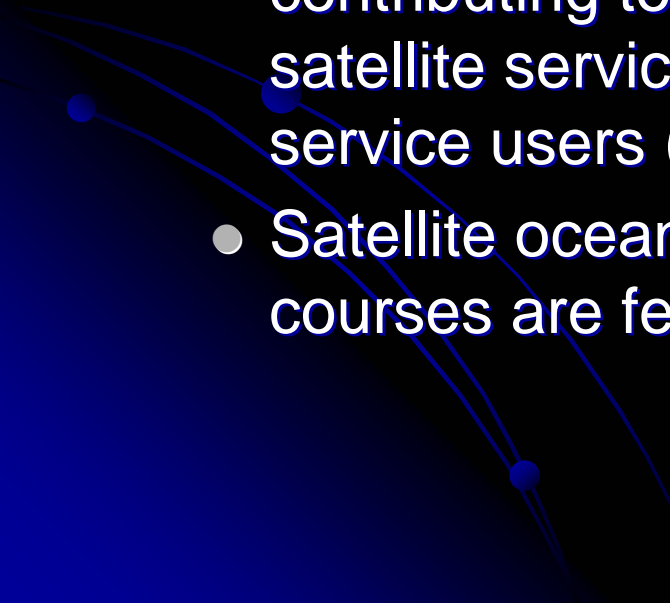


Collaborative Training Efforts

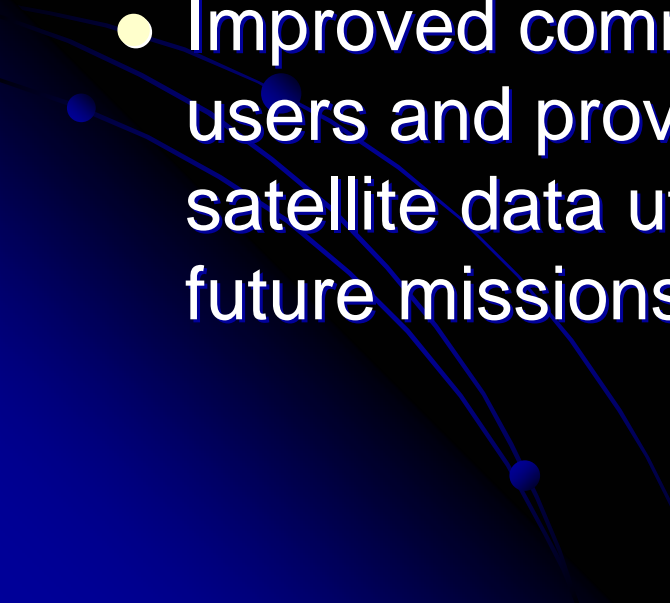
Steve Ackerman
Reza Khanbilvardi
Ingrid Guch




Description of Gap

- Advanced satellite meteorology courses do not tend to cover all satellite sensors equally, they instead focus on professors expertise area
 - The resulting uneven knowledge base for meteorologists/climatologists/oceanographers is contributing to difficult communications between satellite service providers and potential satellite service users (we think)
 - Satellite oceanography and satellite climatology courses are few and far between
- 

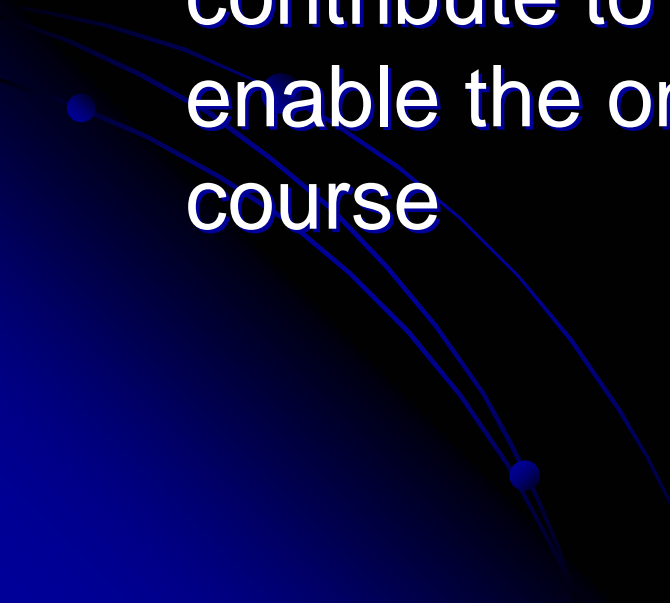
Benefit of filling gap

- Future meteorologists/oceanographers/climatologists will gain a broader introduction to satellites, leading to more scientific discoveries and collaborations related to satellites
 - Improved communication between satellite users and providers will lead to improved satellite data utilization and smarter planning for future missions
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Initiative description

- 1-2 advanced satellite courses coordinated across the CIs/CREST and STAR to provide a broad perspective
 - Each location could have their own course that brings in an online collaboration event every 2 weeks where a subject matter expert would speak about their satellite applications/research
- 

Who needs to contribute

- CIs, CREST, STAR, possibly other NOAA offices (OAR, NCDC, etc) to provide subject matter experts and instructors
 - CIs, CREST, STAR may need to contribute to technology improvements to enable the online collaboration part of the course
- 

People to communicate with for their ideas/endorsement

- Departments,
- Deans,
- NOAA education office/council,
- STAR, NESDIS,
- OAR,
- NOAA research council, NOAA regional leads, NOAA mission support goal team and relevant programs.

Timeline - 2007

- Ingrid to present this idea at CoRP symposium later this month and request feedback from students (is there a gap? Would this be useful?)
- Each CI and STAR to identify a contributor/teacher (if it is a good idea) in July
- Core group to make introductory powerpoint slides that is used in fall to brief departments, deans, star, nesdis, noaa educational program/council to see if it's a good idea

Timeline - 2008

- Topics for online collaborations identified by institute in Jan/Feb
- NOAA regional leads briefed in Feb/Mar
- Content design and how online collaborations are incorporated by institute done in March/Apr/May
- In Summer test drives of course logistics
- In September decide if Spring 2009 course is realistic. If it is advertise for registration

Timeline - 2009

- Spring teach course
- Summer evaluate course and decide if another course is a good idea and if so when
- Sept submit abstract for AMS education symposium
- Jan present abstract at AMS education symposium
- Feb or March 2010 submit paper to BAMS

Success

- Course offered
- Successful on-line collaborations
- Students learn 'something'

