

Overview of:

- *ARCSS community science planning and*
- *ARCSS Committee direction and activities*





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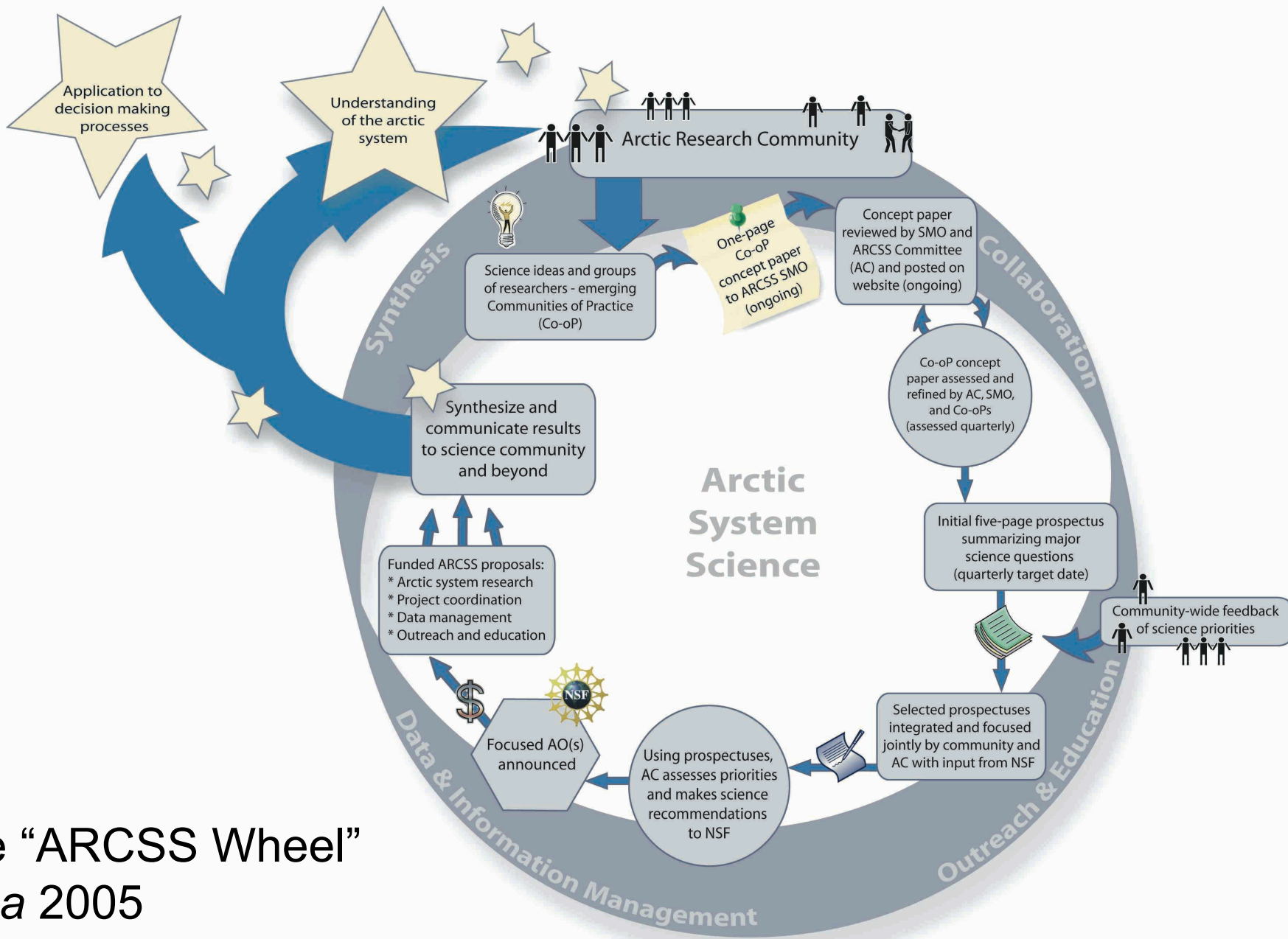
March 29, 2006 Seattle ARCSS
Committee Meeting

Goals of talk:

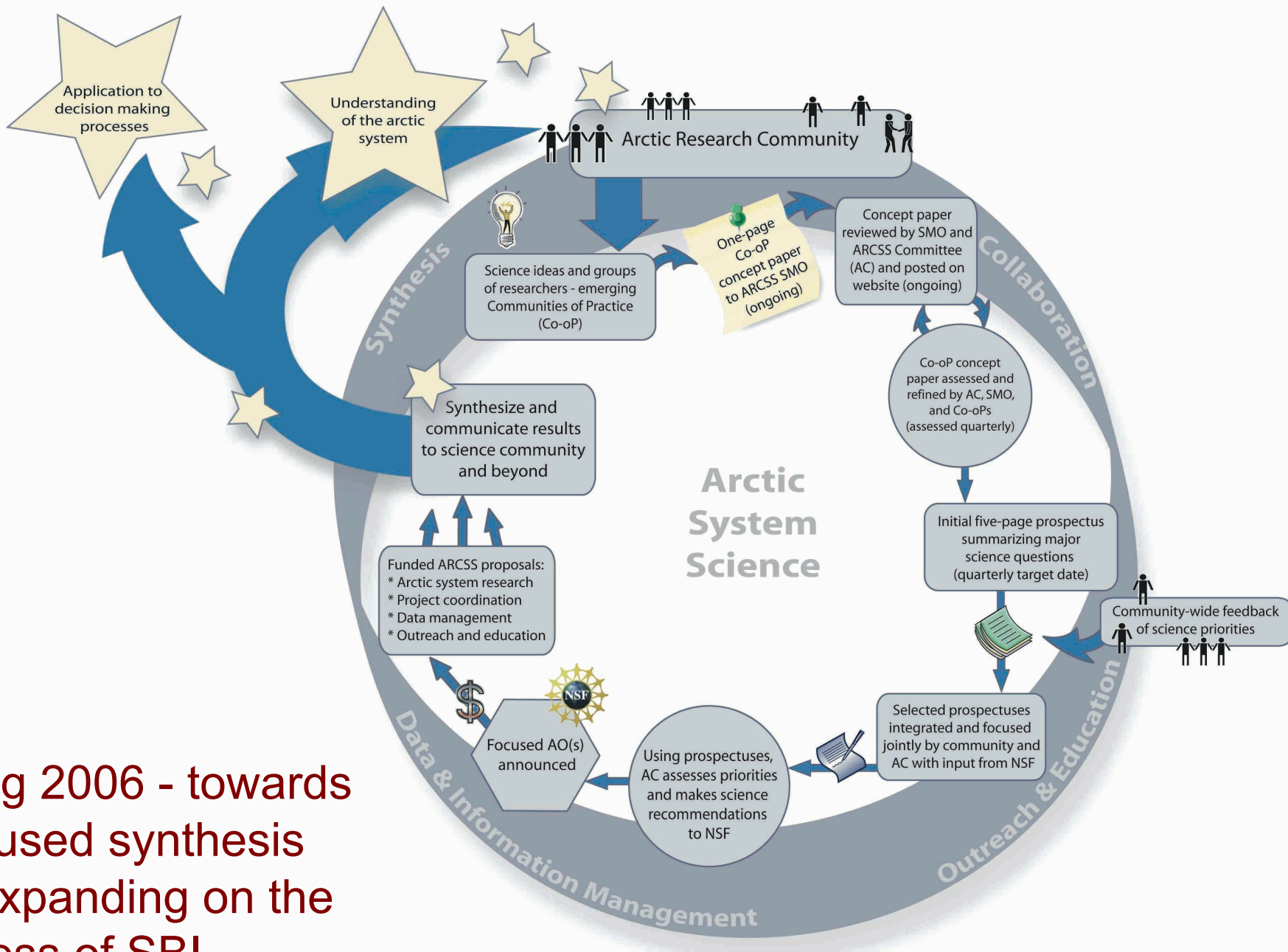
- overview of where the ARCSS program is
- overview of the process by which *potential* new ARCSS initiatives are being identified by the ARCSS Committee

Where we are - a program evolution view

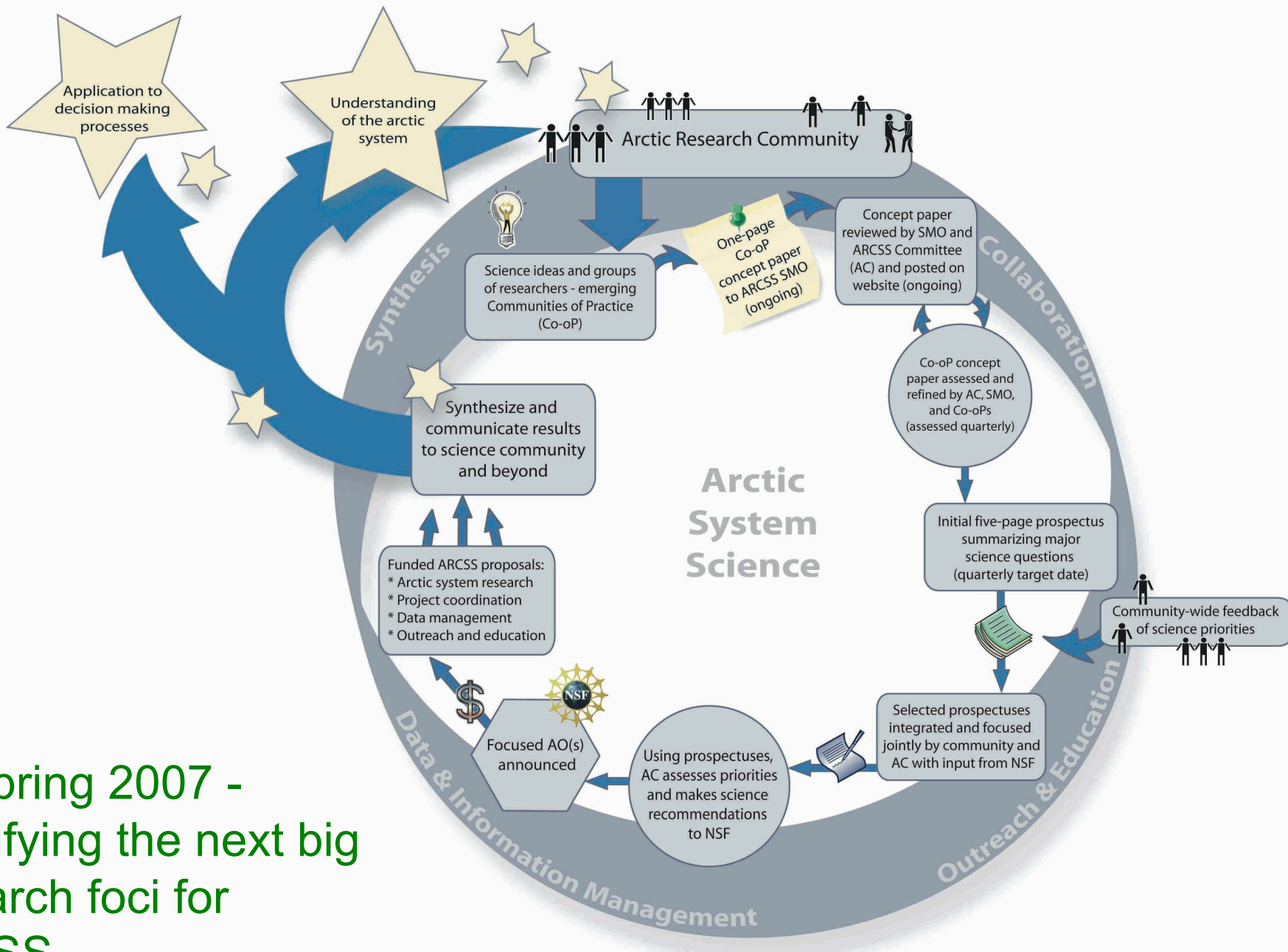
<i>Phase I - Legacy & transitions ARCSS</i>	<i>Phase II - Intensive Synthesis</i>	<i>Phase III - New Integrated ARCSS</i>
PARCS 	Synthesis retreats	The next big Arctic science initiatives (blend of traditional field/lab/analysis efforts with more synthetic Arctic System oriented integration)
SBI 	Funded synthesis projects	
SNACS 	SASS	
Freshwater 	FY 06 NSF AO	



The “ARCSS Wheel”
circa 2005



Spring 2006 - towards a focused synthesis AO expanding on the success of SBI



By Spring 2007 -
 identifying the next big
 research foci for
 ARCSS

ARCSS-supported research seeks to:

Identify the most sensitive and critical components and interactions driving arctic system behavior.

Integrate and synthesize modeling results, observations, process understanding, paleo-environmental data, and human dimensions knowledge.

Strengthen interactions between arctic research communities and the broader Earth system science community in order to ensure that the Arctic is accurately represented in earth system models.

Enhance two-way communication with stakeholders, decision-makers, and the public to increase the impact of ARCSS research.

ARCSS-supported research **also** seeks to:

Demonstrate clear relevance to the entire arctic system, and if appropriate, relevance to the role of the arctic system in the broader Earth system.

Next step today: Community science briefings

- science goals and questions
- key unknowns
- proposed future priorities and activities

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Remember: presentations must be shorter than 20 minutes

Thanks for all the effort involved in preparing and presenting at this AC meeting!