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SSC Integrated Risk Management Process and Climate Change?

Got Risk?



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Do you know
where your
Alligators are?



Risks Are a Fact of Life

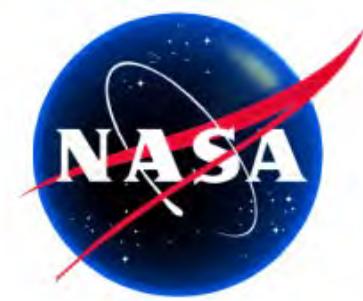


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- Every person has a system for assessing risk, we do it every day
 - Navigating traffic, Deciding what to wear to an interview, etc.
- Let's say you are asked to speak at a conference...
 - Risk Statement - Given that you are a terrible presenter, there is a Possibility that you will panic and not prepare a good briefing and the Consequence will be that you give a poor presentation (and the big boss is in the room!)
- What is your mitigation strategy?
 - Wing It, hope you are after lunch and the audience is half asleep
 - Delegate
 - Call-in Sick
 - Join Toastmasters
 - Ask for help, Prepare and Practice!



NASA SSC Risk Management



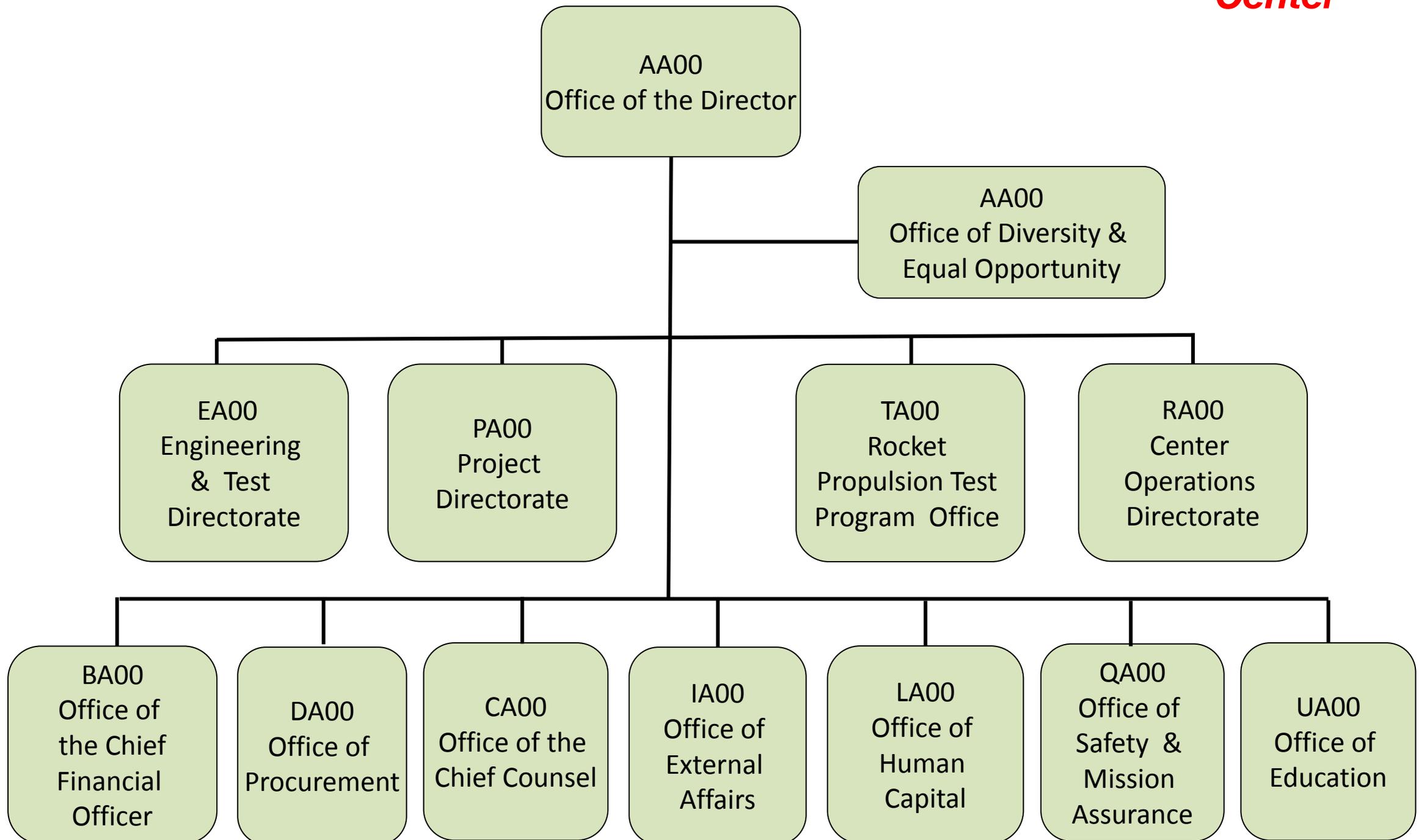
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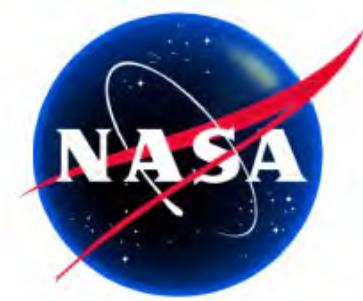
- Risk – a future event that has the potential to cause an undesired outcome.
 - Generate a Risk Statement - Given a Condition; there is a Possibility..... that may cause a Consequence to occur.
- Tailored Risk Management Process that Integrates Risk Informed Decision Making (RIDM) and Continuous Risk Management (CRM).
- Process ensures that all risks are identified, captured, and communicated in a common way across the Center.
- Tool - Integrated Risk Management Application (IRMA) allows organizations to document and scale risks using a standardized SSC Risk Impact Criteria, 5 x 5/L x C matrix.



Points of Contact

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Organizational Process

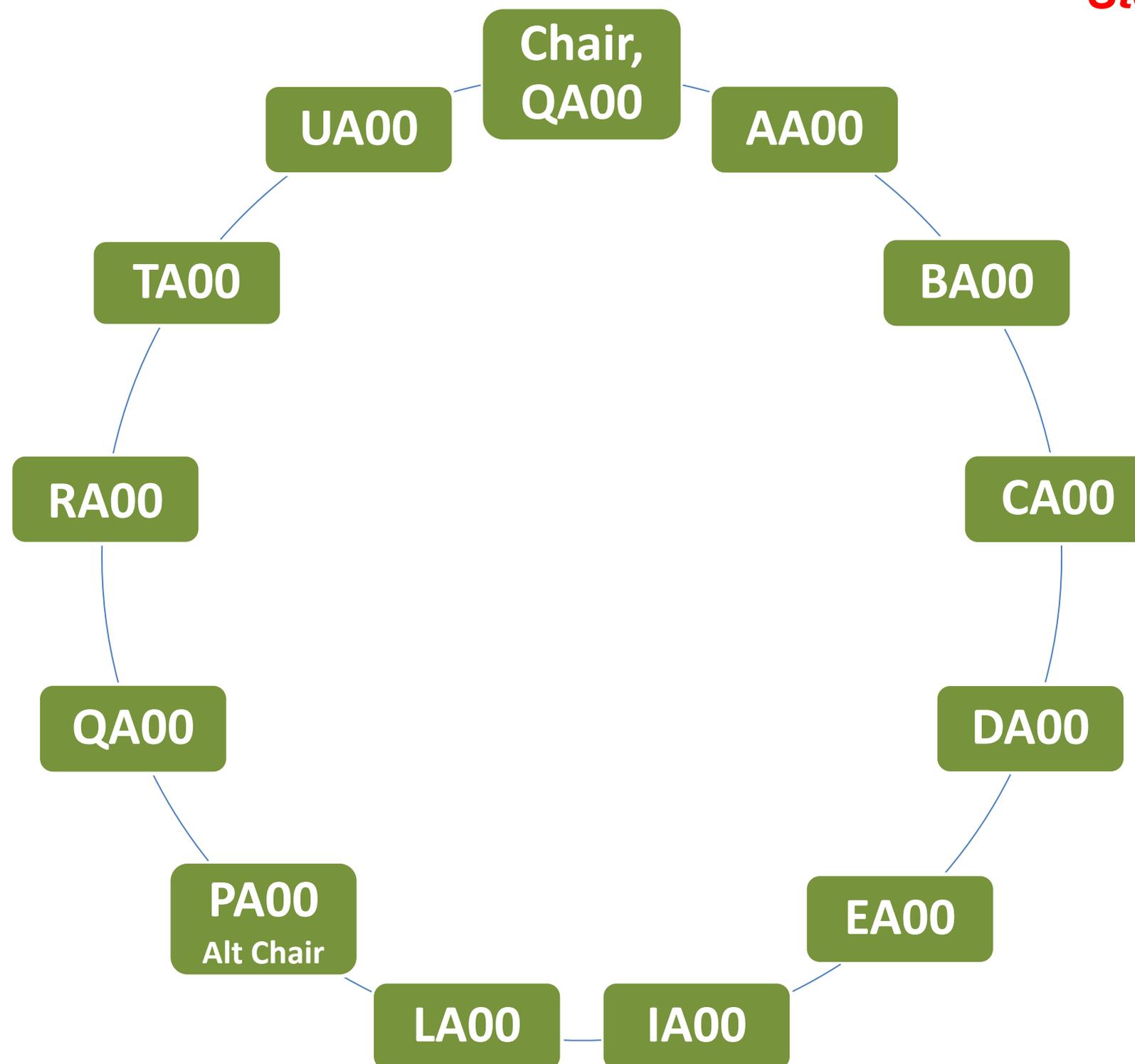
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- Bottoms-up approach.
- Variety of tools – CoF process, Project Funding Priority System, etc.
- Integrated Risk Management Application (IRMA) available, but not necessarily used.
- Meetings – monthly or quarterly.
- Organizational Reps bring Top Risks/Watch Items to a Center-level Risk Review Panel (RRP).

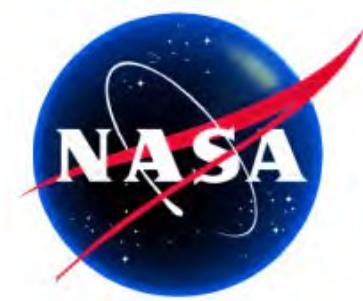


Risk Review Panel

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Center Process



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- Center-level, Institutional, Integrated Process
 - Does not include risks associated with day to day project management
- Risk Review Panel (RRP) meets monthly
 - Organizational Representatives bring risks to the RRP meeting
 - RRP discusses and decides on Top Risks and Watch Items to present to Joint Management Council
 - Top Risks – all risks rated as Red or Yellow
 - Watch Items – risks not yet imminent but being ‘watched’ for early indications of increasing risk
- RRP Chair (or Alt Chair) prepares presentation, presents to JMC
- JMC Approves or Rejects
- Rejected risks are handled by organization or researched and presented to the JMC at a future date



Center-level Risk Vetting Process

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Joint Management Council (JMC) Meeting

Risk Review Panel (RRP) Chair or Alternate Chair
Briefs JMC on Top Risk,
Watch Item List

JMC Approves
Top Risk,
Watch Item
List

Record Action

N

Risk Review Panel (RRP) Chair or Alternate Chair
Prepares Top Risks, Watch Item List
briefing for JMC

Climate
Related
Risks

RRP Meeting
Discuss Organizational Risks,
agree which risks should be elevated
to Top Risk and/or Watch Item List for
brief to JMC

Directorate/Mission Support Offices
Conduct internal risk review and vetting
process – decide which risks should be
discussed and elevated at the RRP.

