Creating a Resilient Airport
Select Committee on SLR & CA Economy
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Regional Asset

Region’s Primary Air Travel Gateway

Source: Adjusted ARC, YE Q3 2017.
Climate Resilience Plan

CRP Goals & Metrics

**Now!**
Provide regional and industry leadership in climate resilience

**Year: 2020**
Integrate climate resilience into Airport operations and development decisions

**Year: 2035**
Reduce risks associated with climate change to ensure business continuity, and to maintain a quality passenger experience

- 100% of applicable projects (i.e. climate-related) have stakeholder participation
- 100% of capital projects are screened for climate resilience
- 50% fewer logged complaints from the public related to thermal comfort and flooding
- Zero reports of negative impacts to airport facilities due to flooding or extreme heat (such as damage or closure)
Year 2050
5% Probability

Scenarios based on 2018 CA Ocean Protection Council Guidance

Sea Level Rise Mapping

1.6 ft Sea Level Rise: Year 2050
(5% Probability SLR Meets or Exceeds)
Year 2100
50% Probability

Scenarios based on 2018 CA Ocean Protection Council Guidance
Year 2100
5% Probability

Scenarios based on 2018 CA Ocean Protection Council Guidance

Sea Level Rise Mapping

Legend
- Airport Boundary
- Maximum High Tide* (Recurring Flooding)
- 100-Year Storm Surge (Rare Flooding)

*DOCF denotes this as Average Conditions, which is equivalent to a king tide event, and is expected to occur 1-3 times per year.

San Diego International Airport
4.9 ft Sea Level Rise: Year 2100
(5% Probability SLR Meets or Exceeds)
**Finding Regional Solutions**

**Lessons Learned**

- **Incorporate Resilient Design Features Now**
- **Pursue More Granular Sea Level Rise & Site Data**
- **Embed into Decision-Making Process** (to help address uncertainty)
- **Leverage Regional Forums for Ongoing Collaboration**
Questions?

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