

The background of the slide is a photograph of an airport wing, likely a runway or taxiway, during sunset. The wing is in the foreground, and the city lights are visible in the distance. The sky is a mix of orange and blue.

# The Airport Cooperative Research Program

**Mike Hainsey, AAE,  
ACRP Ambassador**

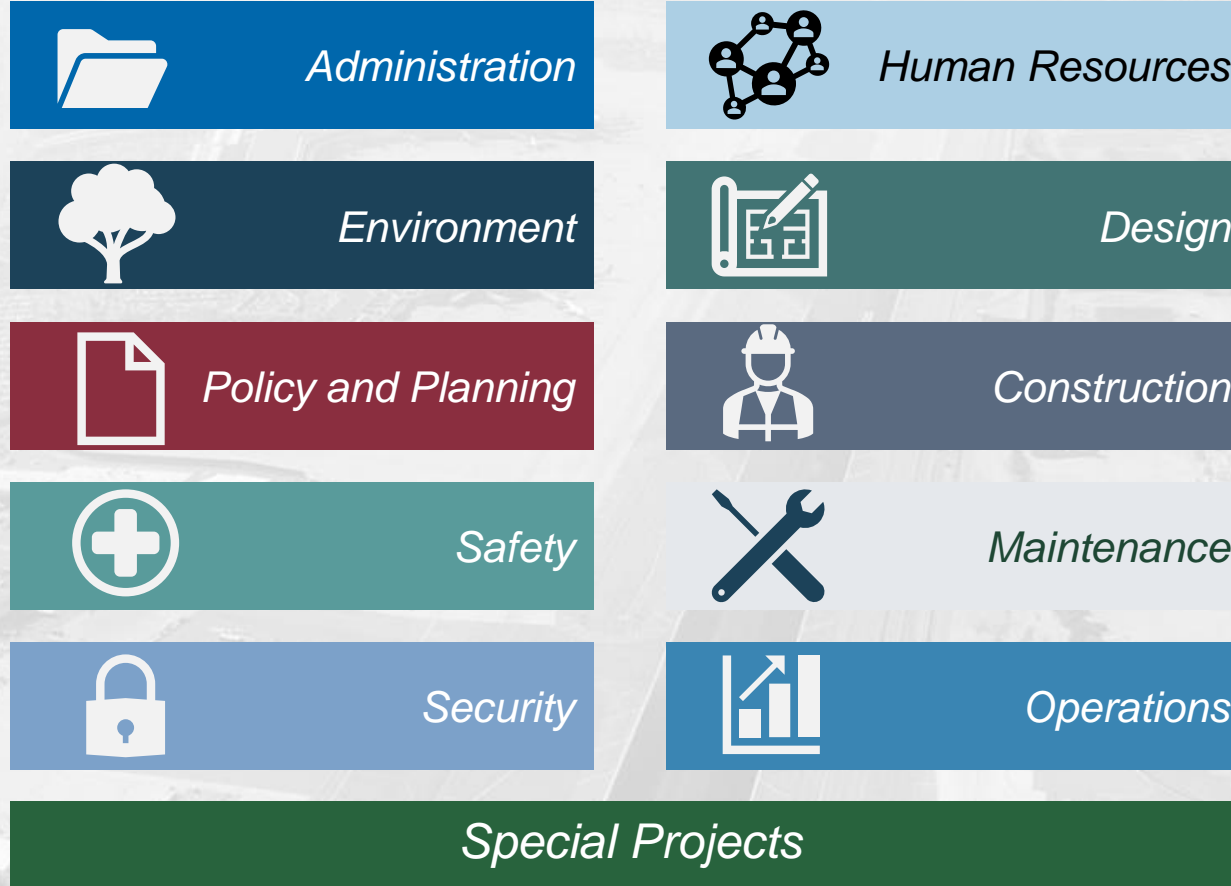
**ACRP** | AIRPORT  
COOPERATIVE  
RESEARCH  
PROGRAM

# ACRP—Part of the National Academies of Sciences, Engineering and Medicine

*An industry-driven, applied research program that develops near-term, practical solutions to airport challenges*

- Driven by and for the airport industry
- Authorized by Congress; sponsored and funded by FAA
- Research is conducted by contractors
- Volunteer panels develop scope, select contractors, oversee research, and review results

# ACRP Research Areas





# ACRP Today

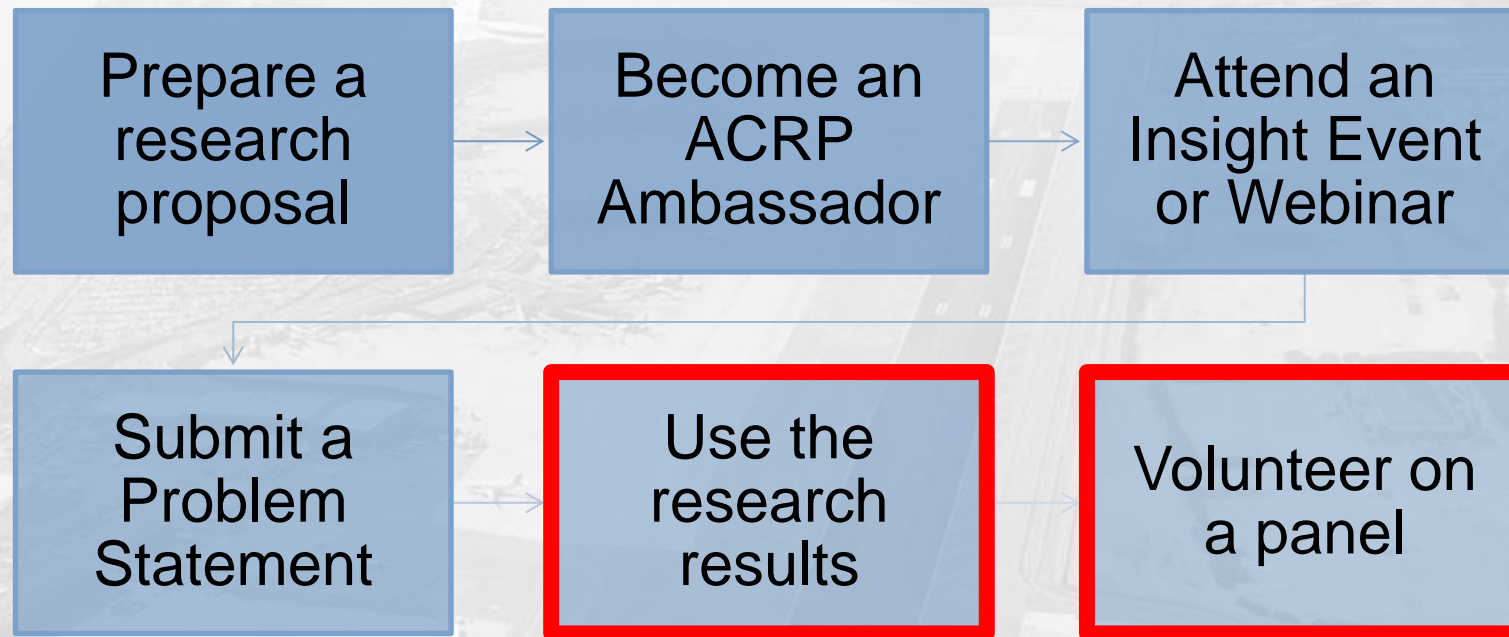
## 600+ research projects authorized since 2006

- More than 420 ACRP-produced resources are readily available to industry practitioners

## 700+ industry volunteers participating

- Participants come from airports, airlines, consulting firms, academia, state and federal government agencies, and industry associations

# Six Ways to Get Involved



# Volunteer for a Project Panel

- Project panels provide technical guidance and counsel to projects from start to end
- Nominations to serve on project panels are usually due in August or September
- Nominate yourself or a colleague



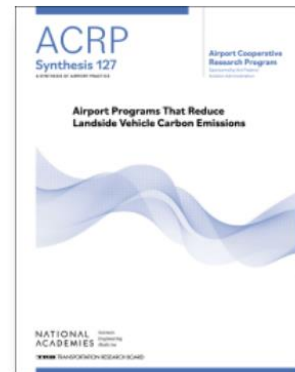


# Use the Research Results

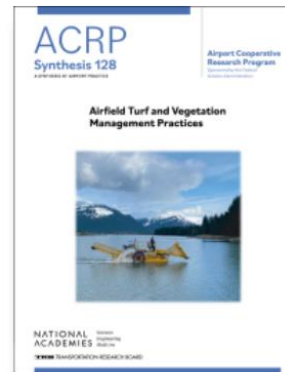


All are FREE at [www.TRB.org/ACRP](http://www.TRB.org/ACRP)

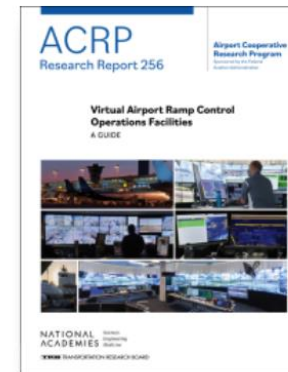
## Most Downloaded in ACRP (last 30 days)



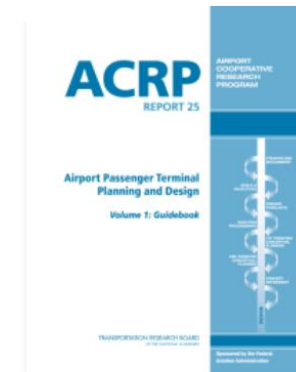
Airport Programs That Reduce  
Landside Vehicle Carbon...



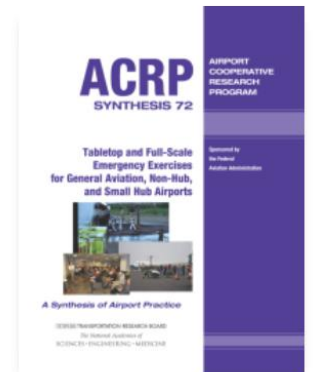
Airfield Turf and Vegetation  
Management Practices



Virtual Airport Ramp Control  
Operations Facilities: A Guide



Airport Passenger Terminal  
Planning and Design...



Tabletop and Full-Scale  
Emergency Exercises for...

# Are You Using ACRP Research at Your Airport?

- Impacts on Practice (IOPs) are unique opportunities for airport practitioners to share how ACRP research has benefitted them in their work
- ACRP encourages practitioners to learn more about what other airports are doing and what they can do to improve their facilities and operations



*Want to  
share how  
you use  
ACRP  
products  
in your  
line of  
work?*

*Come see  
me after!*



# Get Social

*Participate in online discussions with our LinkedIn group*



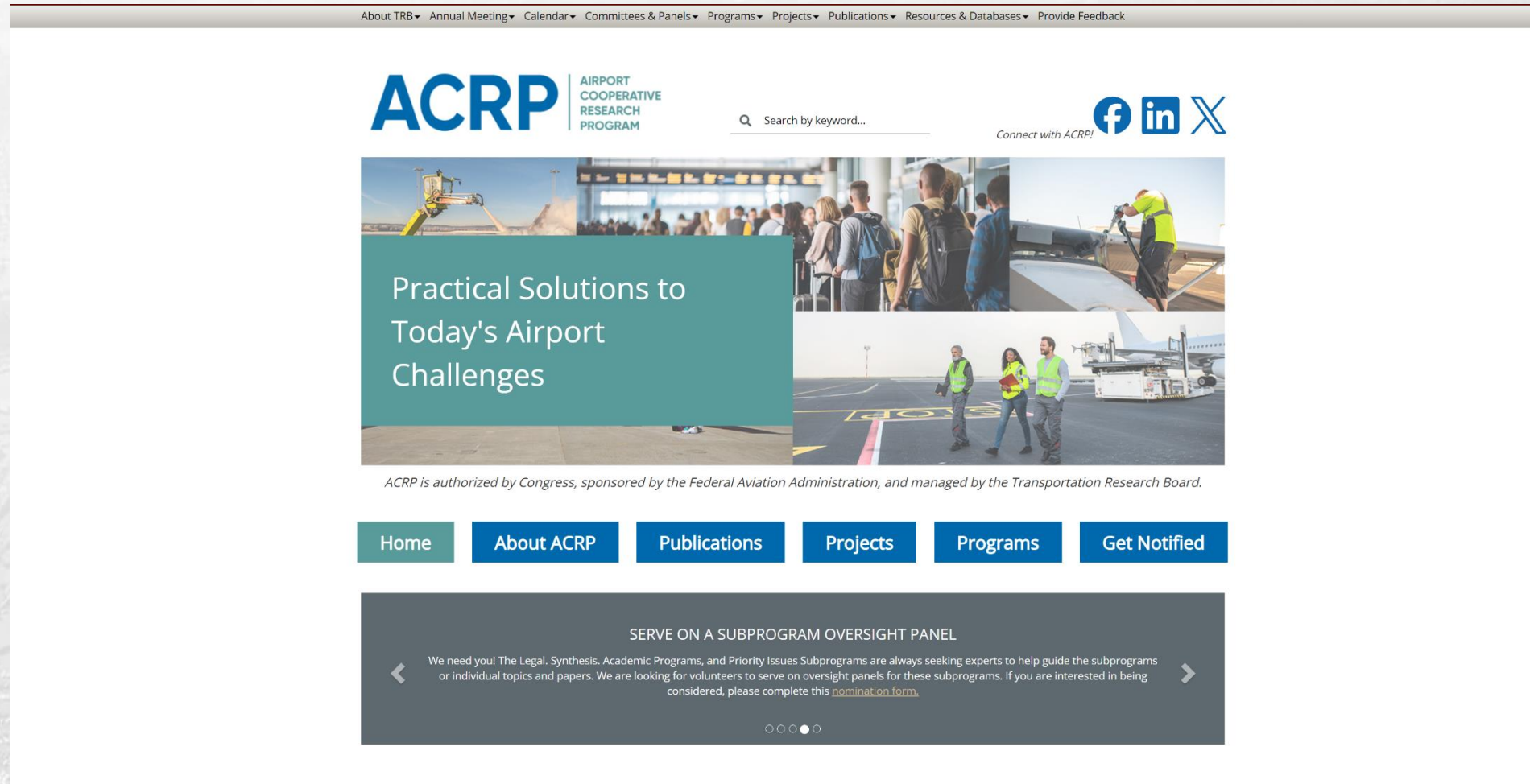
*Get program updates  
@ACRPImpact*



*Share YOUR success #ACRPImpact*



# ACRP On the Web



# ACRP On The Web

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ACRP Resources for General Aviation Airports




ACRP has a broad range of publications and other products to assist airport practitioners at general aviation airports.




WebResource 11: Construction Safety and Phasing Plans  
2022




ACRP Synthesis 117: Agricultural Operations on Airport  
Grounds  
2022




ACRP Synthesis 111: Last Mile in General Aviation --Courtesy  
Vehicles and Other Form of Ground Transportation  
2020



ACRP Research Report 212: Airports and Unmanned Aircraft  
Systems, Volume 1: Managing and Engaging Stakeholders on  
UAS in the Vicinity of Airports  
2020



ACRP Research Report 213: Estimating Market Value and  
Establishing Market Rent at Small Airports  
2020



ACRP Synthesis 105: Airport Surface Weather Observations  
Options for General Aviation Airports  
2019



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## ACRP Fuels and Fueling Resources




ACRP has a broad range of publications and other products to help airport practitioners store, manage, and dispense aviation fuel and to plan and prepare for emerging fuel types.




Legal Research Digest 8: The Right to Self-Fuel  
2009




ACRP Report 46: Handbook for Analyzing the Costs and Benefits of Alternative Aviation Turbine Engine Fuels at Airports  
2011




ACRP Legal Research Digest 11: Survey of Minimum Standards: Commercial Aeronautical Activities at Airports  
2011



ACRP Report 48: Impact of Jet Fuel Price Uncertainty on Airport Planning and Development  
2011



ACRP Report 60: Guidelines for Integrating Alternative Jet Fuel into the Airport Setting  
2012

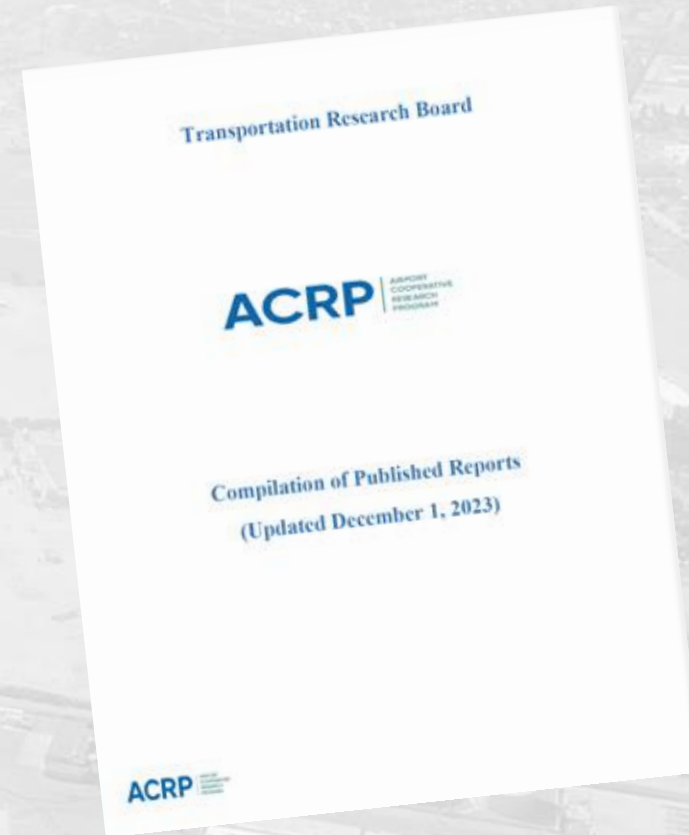


ACRP Web-Only Document 13: Alternative Fuels as a Means to Reduce PM2.5 Emissions at Airports Needs and Costs  
2012

# Research Results

## ACRP Compilation Of Published Reports

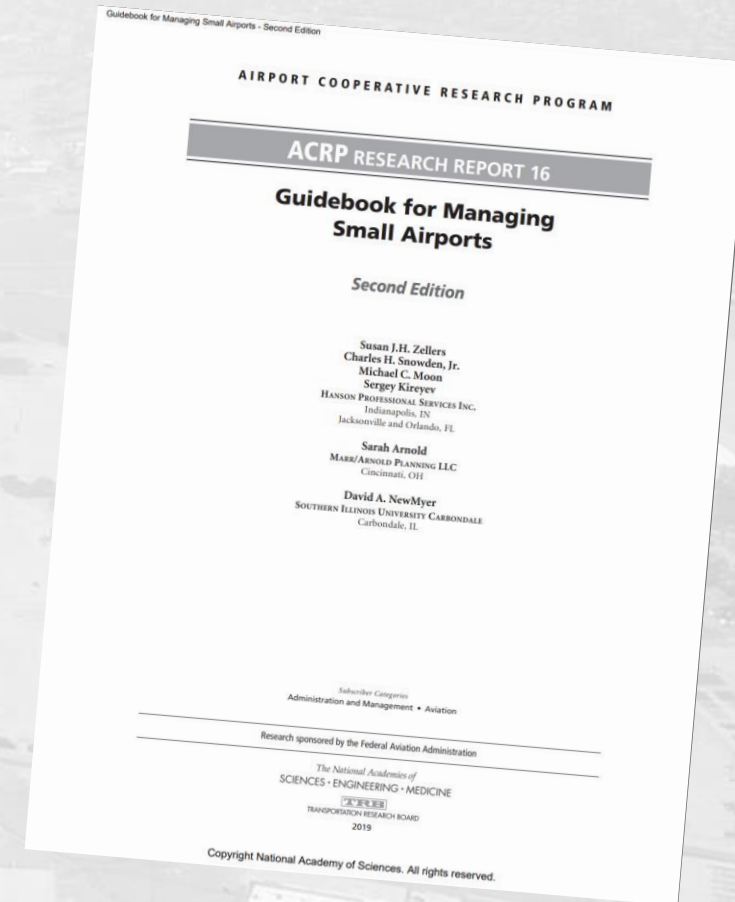
- Updated annually
- Lists all publications done by ACRP
  - Reports
  - Syntheses
  - Web-Only Reports
  - Legal Digests
  - Impacts On Practices



# Research Results

## Report 16, vol 2: Guidebook for Managing Small Airports

- Aimed at non-hub to general aviation airports
- Covers every aspect of airport management
- Has web resources with templates for key documents like leases, contracts, etc.





# Research Results Digests

## Research Results Digest 2 Model for Improving Energy Use in Airport Facilities

- Best practices for reducing energy use
- Implementing an energy tracking program
- Case studies



# Legal Research Digests

## Legal Research Digest 40 Permissible Uses of Airport Property and Revenue

- Listing of related statutory resources
- Web links to various resources
- Bibliography of notable articles



# For More Information

[www.TRB.org/ACRP](http://www.TRB.org/ACRP)

## Regular news and updates on...

- Upcoming and ongoing research projects
- New publications
- Success stories
- Announcements
- And more!

