

Scorecards

Scorecard for Air Pollution Trend/Exposure Monitoring Networks in the West

CURRENT CONDITION

	Metropolitan Areas	Small Communities/ Rural Areas	Remote/ Class I Areas	Tribal Areas
Regional Haze				
Ozone NAAQS				
PM _{2.5} NAAQS				
PM ₁₀ /PM _{coarse} NAAQS				
Nitrogen Deposition				
Mercury				

A=excellent B=above average C=adequate D=substandard F=inadequate

Scorecard for Air Pollution Monitoring Issues in the West

CURRENT CONDITION

	Trend/ Exposure Monitoring		Transport Issues		Fire-Related Issues		Source Attribution	
	Rural	Urban	Regional	Inter- national	Direct effects on ozone, PM _{2.5} , haze, others	Biogenic smoke tracers for SOA	Source Apportion- ment	Control Strategy Studies
Regional Haze								
Ozone NAAQS								
PM _{2.5} NAAQS & Urban Haze								
PM ₁₀ /PM _{coarse} NAAQS								
Nitrogen Deposition								
Mercury								

A=excellent B=above average C=adequate D=substandard F=inadequate

Regional Haze Monitoring Scorecard for SIP Implementation

FUTURE NEEDS

Issue/ Objective	Parameters	Source & Receptor Regions of Interest	Metro Areas	Small Communities Rural Areas Tribal Areas	Parks and Wilderness Areas	Source Apportionment & Control Strategy Studies
Reasonable Progress Trend Monitoring						
Tracking signals and trends in international transport						
Biogenic Smoke Tracers						

Ozone Monitoring Scorecard

FUTURE NEEDS

“Filled Out Example”

Issue/ Objective	Parameters	Source & Receptor Regions of Interest	Metro Areas	Small Communities Rural Areas Tribal Areas	Parks and Wilderness Areas	Source Apportionment & Control Strategy Studies
NAAQS Compliance and Health/ Ecosystem Exposure	O ₃ , NO _x , VOC, Met	CA, AZ, NV, UT, NM, CO, WY		35 to 70	Sensitive Ecosystems	
Wildland Fire Impacts	O ₃ , NO _x , VOC, Met, continuous PM mass, fine tracers	WRAP- Wide			Sensitive Ecosystems	Seasonal intensive and mobile Monitoring
Regional and International Transport	O ₃	WRAP- Wide	All major Cities		Sensitive Ecosystems	

Ozone Monitoring Scorecard

FUTURE NEEDS

Issue/ Objective	Parameters	Source & Receptor Regions of Interest	Metro Areas	Small Communities Rural Areas Tribal Areas	Parks and Wilderness Areas	Source Apportionment & Control Strategy Studies
NAAQS Compliance and Health/ Ecosystem Exposure						
Wildland Fire Impacts						
Regional and International Transport						

PM_{2.5} NAAQS & Urban Haze Monitoring Scorecard

FUTURE NEEDS

Issue/ Objective	Parameters	Source & Receptor Regions of Interest	Metro Areas	Small Communities Rural Areas Tribal Areas	Parks and Wilderness Areas	Source Apportionment & Control Strategy Studies
NAAQS Compliance and Health/ Ecosystem Exposure						
Wildland Fire Impacts NAAQS						
Regional and International Transport						

PM₁₀/PM_{coarse} NAAQS Monitoring Scorecard
FUTURE NEEDS

Issue/ Objective	Parameters	Source & Receptor Regions of Interest	Metro Areas	Small Communities Rural Areas Tribal Areas	Parks and Wilderness Areas	Source Apportionment & Control Strategy Studies
NAAQS Compliance and Health/ Ecosystem Exposure						
Regional Windblown Transport						
International Dust Impacts						
Wildland Fire Impacts						

Nitrogen Deposition Monitoring Scorecard

FUTURE NEEDS

Issue/ Objective	Parameters	Source & Receptor Regions of Interest	Metro Areas	Small Communities Rural Areas Tribal Areas	Parks and Wilderness Areas	Source Apportionment & Control Strategy Studies
Exposure and Effects Monitoring						
Source Attribution						
Biogenic smoke tracers						
Tracking signals and trends in international transport						

Mercury Deposition Monitoring Scorecard

FUTURE NEEDS

Issue/ Objective	Parameters	Source & Receptor Regions of Interest	Metro Areas	Small Communities Rural Areas Tribal Areas	Parks and Wilderness Areas	Source Apportionment & Control Strategy Studies
Exposure and Effects Monitoring						
Source Attribution						
Biogenic smoke tracers						
Tracking signals and trends in international transport						