

MARAMA

**Mid-Atlantic Regional Air
Management Association, Inc.**

MARAMA OVERVIEW

Julie McDill, Executive Director
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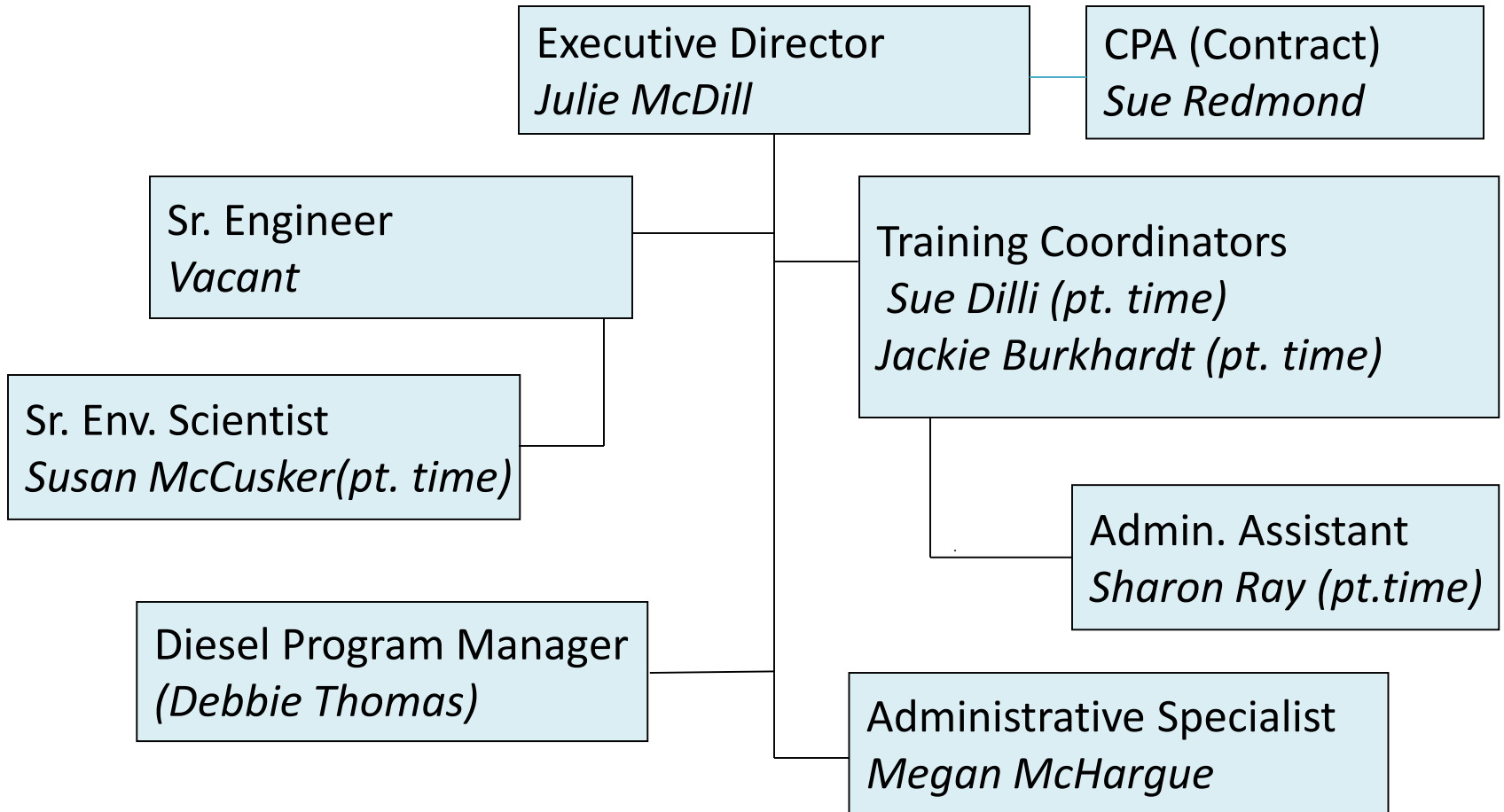
Founding - Mission - Governance

- **Non-profit** 501(c)(3) formed 1990
- **Mission**
 - Strengthen member skills & capabilities
 - Help members work together to prevent and reduce air pollution impacts in the Mid-Atlantic
- **Governed** by Board of Directors consisting of the Air Directors from 10 member agencies

Members and Directors

- Allegheny County • Jayme Graham
- Delaware • David Fees (Acting)
- District of Columbia • Cecily Beall
- Maryland • Tad Aburn
- New Jersey • Frank Steitz
- North Carolina • Mike Abraczinskas
- Pennsylvania • Krish Ramamurthy
- Philadelphia • Kass Sellassie
- Virginia • Michael Dowd
- West Virginia • Fred Durham

MARAMA Staff



What are MARAMA's Major Activities?

1. Training
2. Coordination
3. Regional Technical Projects

We strive to work with EPA and with other multi-state organizations in all three activity areas.

1. MARAMA Training

Major MARAMA focus

FY 2017

- 10 courses
- 2 workshops
- 11 webinars
- Provided travel support for 16 other meetings/conferences/training courses

2. MARAMA Coordination

ERTAC EGU and MJO MOVES Work Groups—helping coordinate national emissions inventory improvement

Northeast Inventory Leads—frequent consultations and briefings via conference calls/webinars

Training Committee—training needs, information about training opportunities

Monitoring Committee—annual meetings, representatives to IMPROVE and National Monitoring Steering Committees

Diesel Collaborative Technical Review Committee—advice regarding applications for diesel project grants

NEW! Fumigation Sources Committee

2. MARAMA Coordination

Mid-Atlantic Diesel Collaborative

- **Leverage resources and expertise** to reduce diesel emissions to improve public health throughout the Mid-Atlantic Region
- **Promote collaboration and coordination** among projects within the Region
- **Raise awareness** of activities underway and the need for additional diesel emission reduction projects in the Region

Diesel Collaborative

- 2017 SmartWay Affiliate Challenge Award
- Quarterly webinars and Diesel Collaborative website www.dieselmidatlantic.org
- Administer Virginia state DERA
 - 2017 & 2018 - 7 dray trucks replaced each year
- 4 engines retrofitted & 2 engines rebuilt for Allegheny County-funded project
- DERA 2014 and 2016 grants - 28 dray trucks replaced in Philly & Wilmington
- DERA 2017 grant – 50 dray truck replacements in Philly & Wilmington

3. MARAMA Technical Projects

Develop and analyze data through regional & inter-regional collaboration and pooled resources

Work regionally, inter-regionally & nationally

- MARAMA states – Improve Oil and Gas Inventory
- Mid-Atlantic & NE States – Regional modeling inventory
- Inter-regional – ERTAC EGU forecast
- Nationally – Comment on Oil & Gas calc. tool, provide feedback on MOVES runs

Use USEPA datasets when ever possible

- Focus on improving EGU, Mobile, Oil & Gas
- Encourage & coordinate state review of other sectors

Develop EMF for more effective use of in-house resources

Technical Initiatives

Emissions Modeling Framework (EMF)

- Cloud-based system for storing & analyzing huge data sets
- Control Strategy Tool (CoST) for projections, costs
- Potential MOVES and SMOKE-MOVES capability
- Detailed Regional Growth/Control/Shutdown

Eastern Region Technical Advisory Committee (ERTAC) Partnership

- Projecting EGU emissions (ERTAC v. IPM)
- Rail emissions & area sources best practices
- Residential wood combustion

Next Steps for Inventories

2017 National Emissions Inventory (NEI)

2016 projected/actual Modeling Inventory

- National coordination with EPA & MJOs
- Further projection years as needed for modeling

Assist states

- EGU inventory projections
- Assessing mobile source emissions estimates
- Compiling growth and control factors to project 2014 to future years

Challenges

- Ongoing funding
- Maintaining Diesel Collaborative support via successful competitive grants
- Training course costs & quality
- Retaining & recruiting staff
- Adjusting to changing member priorities

Useful Information

MARAMA web site:

<http://www.marama.org>

- Training calendar & registration info.
- RFPs & ongoing updates on projects
- Copies of reports and presentations
- Links to other agencies

MARAMA main office phone

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