

# AQRP Monthly Technical Report

<b>PROJECT TITLE</b>	Next steps for improving Texas biogenic VOC and NO emission estimates	<b>PROJECT #</b>	18-005
<b>PROJECT PARTICIPANTS</b>	UCI Ramboll	<b>DATE SUBMITTED</b>	1/8/2019
<b>REPORTING PERIOD</b>	<b>From:</b> 12/1/2018 <b>To:</b> 12/31/2018	<b>REPORT #</b>	3

A Financial Status Report (FSR) and Invoice will be submitted separately from each of the Project Participants reflecting charges for this Reporting Period. We understand that the FSR and Invoice are due to the AQRP by the 15<sup>th</sup> of the month following the reporting period shown above.

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## Detailed Accomplishments by Task

### *Task 1. Measure Texas BVOC emission factors and their variability*

Not yet initiated. UCI has now received the fully executed agreement and an account is set up. The work on this task has started in January 2019.

### *Task 2. MEGAN model improvements*

As in Task 1 above.

### *Task 3. MEGAN3.1 sensitivity analysis of Texas biogenic emissions*

As in Task 1 above.

## Preliminary Analysis

None.

## Data Collected

None.

## Identify Problems or Issues Encountered and Proposed Solutions or Adjustments

None.

## Goals and Anticipated Issues for the Succeeding Reporting Period

UCI and Ramboll will work on the development and implementation of the soil NO emission approach in MEGAN and will initiate preparations for the May/June field study.

## Detailed Analysis of the Progress of the Task Order to Date

The project is proceeding as planned.

**Do you have any publications related to this project currently under development? If so, please provide a working title, and the journals you plan to submit to.**

Yes       No

**Do you have any publications related to this project currently under review by a journal? If so, what is the working title and the journal name? Have you sent a copy of the article to your AQRP Project Manager and your TCEQ Liaison?**

Yes       No

**Do you have any bibliographic publications related to this project that have been published? If so, please list the reference information. List all items for the lifetime of the project.**

Yes       No

**Do you have any presentations related to this project currently under development? If so, please provide working title, and the conference you plan to present it (this does not include presentations for the AQRP Workshop).**

Yes       No

**Do you have any presentations related to this project that have been published? If so, please list reference information. List all items for the lifetime of the project.**

Yes       No

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Submitted to AQRP by

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