



CFARS SS Subgroup Update

30 July 2020

Agenda

- **AWEA Wind Resource & Project Energy Assessment Conference 2020**
- **Subgroup Repository**
- **Phase 3 Tool & Analysis**
- **White Paper Update & Discussion**

AWEA Wind Resource & Project Energy Assessment Conference 2020

Podium Presentation: *CFARS Site Suitability Subgroup:
Accelerating Data-Driven Guidance for RSD TI Corrections*

Session: *Turbine Suitability*

Date: *Tuesday September 29, 2020*

Time: *10:30AM - 11:45AM*

Draft 1: *September 1, 2020*

Final Draft: *September 25, 2020*

CFARS Site-Suitability Subgroup Repository

Purpose: *updating repository to be more complete/ comprehensive*

Link: <https://github.com/AEArntsen/CFARS-Site-Suitability-Phase-3-Tool>

The screenshot shows the GitHub repository page for 'AEArntsen / CFARS-Site-Suitability-Phase-3-Tool'. The repository has 1 branch (master) and 0 tags. The commit history shows 11 commits, with the most recent being 'AEArntsen placeholder for license' 2 minutes ago. The file list includes 'Analysis Notebooks', 'Materials and Updates', 'Phase 2 Analysis', 'Results', 'Column_Key.xlsx', 'Configuration_template_phaselII.xlsx', 'README.md', and 'license.txt'. The README.md file is open, showing the title 'CFARS-Site-Suitability-Phase-3-Tool' and the description 'This repository contains all files needed to run the CFARS-SS Phase 3 python tool'. The right sidebar contains sections for 'About', 'Releases', 'Packages', and 'Languages'. The 'About' section states that the repository contains all files needed to run the CFARS-SS Phase 3 python tool. The 'Releases' section shows no releases published. The 'Packages' section shows no packages published. The 'Languages' section shows R at 100.0%.

AEArntsen / CFARS-Site-Suitability-Phase-3-Tool

Unwatch 1 Star 0 Fork

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

master 1 branch 0 tags

Go to file Add file Code

AEArntsen placeholder for license 489e464 2 minutes ago 11 commits

Analysis Notebooks	add analysis notebook folder	8 minutes ago
Materials and Updates	location for materials and updates	5 minutes ago
Phase 2 Analysis	add phase 2 analysis files	15 minutes ago
Results	Add final phase 2 results file	15 minutes ago
Column_Key.xlsx	add column Key	3 months ago
Configuration_template_phaselII.xlsx	updated config file	20 minutes ago
README.md	Initial commit	3 months ago
license.txt	placeholder for license	2 minutes ago

README.md

CFARS-Site-Suitability-Phase-3-Tool

This repository contains all files needed to run the CFARS-SS Phase 3 python tool

About

This repository contains all files needed to run the CFARS-SS Phase 3 python tool

Readme

View license

Releases

No releases published

Create a new release

Packages

No packages published

Publish your first package

Languages

R 100.0%

CFARS Site-Suitability Subgroup Repository

license.txt

File specifying the expectations for how the software and materials within the repository are expected to be used

- states the open source nature of the work
- contents may be used and distributed for research and both commercial and non-commercial development
- users not permitted to charge for or sell the contribution of the group

See full text coming soon for more clarity

White Paper Update

Ellie Weyer

White Paper Link

https://drive.google.com/file/d/1fJPRQ0j1_qEcviX9KDSMwJktYAeLQTg/view

White Paper “Framework Pillar 1” Release

- Focused on Pillar 1: benchmarking TI methods and results only
- “Author” vs “data contributor” role
- Author role requirements:
 - 2-week written review period (July 30th - Aug 14th)
 - When we tackle terrain and distance results
- Open forum meeting on white paper (questions will be posed) (optional)
 - ~Aug 17 10am CT
- Final paper polishing and release to SS subgroup and CFARS 'board' for approval on Aug 31 (latest)
 - Need approval for authors and data contributors - including use of logo
- September socialize and receive approvals (deadline Sept 30)
- White Paper release to industry October/November 2020

CFARS Site-Suitability Subgroup Repository

Phase III Tool: Waiting on our license, once that is in the repository, It's live

Analysis:

- Stability grouping
- Model time generation analysis
 - Test 1: percent of data in model generation
 - Test 2: number of days in model generation
 - Test 3: 90-day sliding window