**EEMs\_pfiles.zip Contents**

**File Types and Descriptions**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Entity Type** | **Externally Defined Format** | **Description** |
| OpenFluorSearch\_\_reservoir\_eems\_20210424.csv |  |  | OpenFluor results for the identified 4-component PARAFAC model. Includes TCC (Tucker Congruence Coefficient) matches > 90% for each component. Matched studies are identified by their DOI. |
| p\_20190905\_3DEEM\_F13Jun19\_9.0R1.csv |  |  | Corrected EEM for sample 13 June 2019, FCR, Site 50, Depth 9.0 m, Rep 1 |
| p\_20190909\_F03Jul19\_0.1mR1\_50Dil.csv |  |  | Corrected EEM for sample 03 July 2019, FCR, Site 50, Depth 0.1 m, Rep 1, Dilution 1:2 |
| p\_20190909\_F03Jul19\_5mR2\_50Dil.csv |  |  | Corrected EEM for sample 03 July 2019, FCR, Site 50, Depth 5.0 m, Rep 2, Dilution 1:2 |
| p\_20190909\_F03Jul19\_9mR1.csv |  |  | Corrected EEM for sample 03 July 2019, FCR, Site 50, Depth 9.0 m, Rep 1 |
| p\_20190909\_F13Jun19\_5mR1.csv |  |  | Corrected EEM for sample 13 June 2019, FCR, Site 50, Depth 5.0 m, Rep 1 |
| p\_20190909\_F15Jul19\_0.1mR1\_50Dil.csv |  |  | Corrected EEM for sample 15 July 2019, FCR, Site 50, Depth 0.1 m, Rep 1, Dilution 1:2 |
| p\_20190909\_F15Jul19\_5mR2\_50Dil.csv |  |  | Corrected EEM for sample 15 July 2019, FCR, Site 50, Depth 5.0 m, Rep 2, Dilution 1:2 |
| p\_20190909\_F15Jul19\_9.0mR2.csv |  |  | Corrected EEM for sample 15 July 2019, FCR, Site 50, Depth 9.0 m, Rep 2 |
| p\_20190909\_F27May19\_0.1mR1.csv |  |  | Corrected EEM for sample 27 May 2019, FCR, Site 50, Depth 0.1 m, Rep 1 |
| p\_20190909\_F27May19\_5mR1.csv |  |  | Corrected EEM for sample 27 May 2019, FCR, Site 50, Depth 5.0 m, Rep 1 |
| p\_20190909\_F27May19\_9mR2\_50Dil.csv |  |  | Corrected EEM for sample 27 May 2019, FCR, Site 50, Depth 9.0 m, Rep 2, Dilution 1:2 |
| p\_20190930\_F14Aug19\_0.1m\_Dil.csv |  |  | Corrected EEM for sample 14 August 2019, FCR, Site 50, Depth 0.1 m, Rep 2, Dilution 1:2 |
| p\_20190930\_F14Aug19\_5m\_R1\_Dil.csv |  |  | Corrected EEM for sample 14 August 2019, FCR, Site 50, Depth 5.0 m, Rep 1, Dilution 1:2 |
| p\_20190930\_F14Aug19\_9m\_R2\_Dil.csv |  |  | Corrected EEM for sample 14 August 2019, FCR, Site 50, Depth 9.0 m, Rep 2, Dilution 1:2 |
| p\_20190930\_F14Aug19\_9m\_R2\_DilFlt.csv |  |  | Corrected EEM for sample 14 August 2019, FCR, Site 50, Depth 9.0 m, Rep 2, Dilution 1:2, 0.2 um filtered |
| p\_20190930\_F15Jul19\_5m\_R1\_Dil.csv |  |  | Corrected EEM for sample 15 July 2019, FCR, Site 50, Depth 5.0 m, Rep 1, Dilution 1:2 |
| p\_20190930\_F22Aug19\_9m\_R2\_Dil.csv |  |  | Corrected EEM for sample 22 August 2019, FCR, Site 50, Depth 9.0 m, Rep 2, Dilution 1:2 |
| p\_20190930\_F3Jul19\_5m\_R1FltDil.csv |  |  | Corrected EEM for sample 3 July 2019, FCR, Site 50, Depth 5.0 m, Rep 1, Dilution 1:2, 0.2 um filtered |
| p\_20191115\_F11Sep19\_0.1R1\_Dil.csv |  |  | Corrected EEM for sample 11 September 2019, FCR, Site 50, Depth 0.1 m, Rep 1, Dilution 1:2 |
| p\_20191115\_F28Aug19\_9R1\_Dil.csv |  |  | Corrected EEM for sample 28 August 2019, FCR, Site 50, Depth 9.0 m, Rep 1, Dilution 1:2 |
| p\_20200124\_F10Jun19\_0.1R2\_Dil.csv |  |  | Corrected EEM for sample 10 June 2019, FCR, Site 50, Depth 0.1 m, Rep 2, Dilution 1:2 |
| p\_20200124\_F10Jun19\_5R2\_Dil.csv |  |  | Corrected EEM for sample 10 June 2019, FCR, Site 50, Depth 5.0 m, Rep 2, Dilution 1:2 |
| p\_20200124\_F10Jun19\_9R1\_Dil.csv |  |  | Corrected EEM for sample 10 June 2019, FCR, Site 50, Depth 9.0 m, Rep 1, Dilution 1:2 |
| p\_20200131\_F17Jun19\_0.1R1\_Dil.csv |  |  | Corrected EEM for sample 17 June 2019, FCR, Site 50, Depth 0.1 m, Rep 1, Dilution 1:2 |
| p\_20200131\_F17Jun19\_5R2.csv |  |  | Corrected EEM for sample 17 June 2019, FCR, Site 50, Depth 5.0 m, Rep 2 |
| p\_20200131\_F17Jun19\_9R2.csv |  |  | Corrected EEM for sample 17 June 2019, FCR, Site 50, Depth 9.0 m, Rep 2 |
| p\_20200131\_F24Jun19\_0.1R1\_Dil.csv |  |  | Corrected EEM for sample 24 June 2019, FCR, Site 50, Depth 0.1 m, Rep 1, Dilution 1:2 |
| p\_20200131\_F24Jun19\_5R1\_Dil.csv |  |  | Corrected EEM for sample 24 June 2019, FCR, Site 50, Depth 5.0 m, Rep 1, Dilution 1:2 |
| p\_20200131\_F24Jun19\_9R2\_Dil.csv |  |  | Corrected EEM for sample 24 June 2019, FCR, Site 50, Depth 9.0 m, Rep 2, Dilution 1:2 |
| p\_20200221\_F27Sep19\_0.1R1\_Dil.csv |  |  | Corrected EEM for sample 27 September 2019, FCR, Site 50, Depth 0.1 m, Rep 1, Dilution 1:2 |
| p\_20200221\_F27Sep19\_0.1R2\_Dil.csv |  |  | Corrected EEM for sample 27 September 2019, FCR, Site 50, Depth 0.1 m, Rep 2, Dilution 1:2 |
| p\_20200221\_F27Sep19\_5R1\_Dil.csv |  |  | Corrected EEM for sample 27 September 2019, FCR, Site 50, Depth 5.0 m, Rep 1, Dilution 1:2 |
| p\_20200221\_F27Sep19\_5R2\_Dil.csv |  |  | Corrected EEM for sample 27 September 2019, FCR, Site 50, Depth 5.0 m, Rep 2, Dilution 1:2 |
| p\_20200221\_F27Sep19\_9R2.csv |  |  | Corrected EEM for sample 27 September 2019, FCR, Site 50, Depth 9.0 m, Rep 2 |
| p\_20200224\_F3Jun19\_INFR2.csv |  |  | Corrected EEM for sample 3 June 2019, FCR, Site 100, Depth 0.1 m, Rep 2 |
| p\_20200224\_F3Jun19\_WETR2\_Dil.csv |  |  | Corrected EEM for sample 3 June 2019, FCR, Site 200, Depth 0.1 m, Rep 2, Dilution 1:2 |
| p\_20200224\_F6Jun19\_0.1R2\_Dil.csv |  |  | Corrected EEM for sample 6 June 2019, FCR, Site 50, Depth 0.1 m, Rep 2, Dilution 1:2 |
| p\_20200224\_F6Jun19\_5R2.csv |  |  | Corrected EEM for sample 6 June 2019, FCR, Site 50, Depth 5.0 m, Rep 2 |
| p\_20200224\_F6Jun19\_9R1\_Dil.csv |  |  | Corrected EEM for sample 6 June 2019, FCR, Site 50, Depth 9.0 m, Rep 1, Dilution 1:2 |
| p\_20200227\_F17Jun19\_INFR2.csv |  |  | Corrected EEM for sample 17 June 2019, FCR, Site 100, Depth 0.1 m, Rep 2 |
| p\_20200227\_F17Jun19\_WETR2\_Dil.csv |  |  | Corrected EEM for sample 17 June 2019, FCR, Site 200, Depth 0.1 m, Rep 2, Dilution 1:2 |
| p\_20200227\_F8Jul19\_INFR2\_Dil.csv |  |  | Corrected EEM for sample 8 July 2019, FCR, Site 100, Depth 0.1 m, Rep 2, Dilution 1:2 |
| p\_20200227\_F8Jul19\_WETR1\_Dil.csv |  |  | Corrected EEM for sample 8 July 2019, FCR, Site 200, Depth 0.1 m, Rep 1, Dilution 1:2 |
| p\_20200228\_F20Jun19\_5R1.csv |  |  | Corrected EEM for sample 20 June 2019, FCR, Site 50, Depth 5.0 m, Rep 1 |
| p\_20200228\_F20Jun19\_9R2\_Dil.csv |  |  | Corrected EEM for sample 20 June 2019, FCR, Site 50, Depth 9.0 m, Rep 2, Dilution 1:2 |
| p\_20200228\_F22Jul19\_INFR2\_Dil.csv |  |  | Corrected EEM for sample 22 July 2019, FCR, Site 100, Depth 0.1 m, Rep 2, Dilution 1:2 |
| p\_20200228\_F27Jun19\_5R1\_Dil.csv |  |  | Corrected EEM for sample 27 June 2019, FCR, Site 50, Depth 5.0 m, Rep 1, Dilution 1:2 |
| p\_20200228\_F27Jun19\_9R2\_Dil.csv |  |  | Corrected EEM for sample 27 June 2019, FCR, Site 50, Depth 9.0 m, Rep 2, Dilution 1:2 |
| p\_20200228\_F27Jun19\_SurfR2\_Dil.csv |  |  | Corrected EEM for sample 27 June 2019, FCR, Site 50, Depth 0.1 m, Rep 2, Dilution 1:2 |
| p\_20200302\_F20Sep19\_9R1\_Dil.csv |  |  | Corrected EEM for sample 20 September 2019, FCR, Site 50, Depth 9.0 m, Rep 1, Dilution 1:2 |
| p\_20200302\_F20Sep19\_Surf\_R1\_Dil.csv |  |  | Corrected EEM for sample 20 September 2019, FCR, Site 50, Depth 0.1 m, Rep 1, Dilution 1:2 |
| p\_20200302\_F22Jul19\_WETR1\_Dil.csv |  |  | Corrected EEM for sample 22 July 2019, FCR, Site 200, Depth 0.1 m, Rep 1, Dilution 1:2 |
| p\_B04Oct19\_01\_R2.csv |  |  | Corrected EEM for sample 04 October 2019, BVR, Site 01, Depth 0.1 m, Rep 1 |
| p\_B04Oct19\_100\_R1.csv |  |  | Corrected EEM for sample 04 October 2019, BVR, Site 100, Depth 0.1 m, Rep 1 |
| p\_B04Oct19\_20\_R2.csv |  |  | Corrected EEM for sample 04 October 2019, BVR, Site 20, Depth 0.1 m, Rep 2 |
| p\_B04Oct19\_200\_R1.csv |  |  | Corrected EEM for sample 04 October 2019, BVR, Site 200, Depth 0.1 m, Rep 1 |
| p\_B04Oct19\_30\_R2.csv |  |  | Corrected EEM for sample 04 October 2019, BVR, Site 30, Depth 0.1 m, Rep 2 |
| p\_B04Oct19\_45\_R2.csv |  |  | Corrected EEM for sample 04 October 2019, BVR, Site 45, Depth 0.1 m, Rep 2 |
| p\_B04Oct19\_50\_R1.csv |  |  | Corrected EEM for sample 04 October 2019, BVR, Site 50, Depth 0.1 m, Rep 1 |
| p\_B18Jul19\_01\_R1.csv |  |  | Corrected EEM for sample 18 July 2019, BVR, Site 01, Depth 0.1 m, Rep 1 |
| p\_B18Jul19\_100\_R2.csv |  |  | Corrected EEM for sample 18 July 2019, BVR, Site 100, Depth 0.1 m, Rep 2 |
| p\_B18Jul19\_20\_R1.csv |  |  | Corrected EEM for sample 18 July 2019, BVR, Site 20, Depth 0.1 m, Rep 1 |
| p\_B18Jul19\_200\_R2.csv |  |  | Corrected EEM for sample 18 July 2019, BVR, Site 200, Depth 0.1 m, Rep 2 |
| p\_B18Jul19\_30\_R2.csv |  |  | Corrected EEM for sample 18 July 2019, BVR, Site 30, Depth 0.1 m, Rep 2 |
| p\_B18Jul19\_45\_R1.csv |  |  | Corrected EEM for sample 18 July 2019, BVR, Site 45, Depth 0.1 m, Rep 1 |
| p\_B18Jul19\_Surf\_R1.csv |  |  | Corrected EEM for sample 18 July 2019, BVR, Site 50, Depth 0.1 m, Rep 1 |
| p\_B20Sep19\_01\_R2.csv |  |  | Corrected EEM for sample 20 September 2019, BVR, Site 01, Depth 0.1 m, Rep 2 |
| p\_B20Sep19\_20\_R2.csv |  |  | Corrected EEM for sample 20 September 2019, BVR, Site 20, Depth 0.1 m, Rep 2 |
| p\_B20Sep19\_30\_R2.csv |  |  | Corrected EEM for sample 20 September 2019, BVR, Site 30, Depth 0.1 m, Rep 2 |
| p\_B20Sep19\_45\_R1.csv |  |  | Corrected EEM for sample 20 September 2019, BVR, Site 45, Depth 0.1 m, Rep 1 |
| p\_B20Sep19\_50\_R1.csv |  |  | Corrected EEM for sample 20 September 2019, BVR, Site 50, Depth 0.1 m, Rep 1 |
| p\_B22Aug19\_01\_R1.csv |  |  | Corrected EEM for sample 22 August 2019, BVR, Site 01, Depth 0.1 m, Rep 1 |
| p\_B22Aug19\_100\_R2.csv |  |  | Corrected EEM for sample 22 August 2019, BVR, Site 100, Depth 0.1 m, Rep 2 |
| p\_B22Aug19\_20\_R1.csv |  |  | Corrected EEM for sample 22 August 2019, BVR, Site 20, Depth 0.1 m, Rep 2 |
| p\_B22Aug19\_200\_R1.csv |  |  | Corrected EEM for sample 22 August 2019, BVR, Site 200, Depth 0.1 m, Rep 1 |
| p\_B22Aug19\_30\_R2.csv |  |  | Corrected EEM for sample 22 August 2019, BVR, Site 30, Depth 0.1 m, Rep 2 |
| p\_B22Aug19\_45\_R1.csv |  |  | Corrected EEM for sample 22 August 2019, BVR, Site 45, Depth 0.1 m, Rep 1 |
| p\_B22Aug19\_50\_R2.csv |  |  | Corrected EEM for sample 22 August 2019, BVR, Site 50, Depth 0.1 m, Rep 2 |
| p\_B27Jun19\_01\_R1.csv |  |  | Corrected EEM for sample 27 June 2019, BVR, Site 01, Depth 0.1 m, Rep 1 |
| p\_B27Jun19\_100\_R1.csv |  |  | Corrected EEM for sample 27 June 2019, BVR, Site 100, Depth 0.1 m, Rep 1 |
| p\_B27Jun19\_20\_R1.csv |  |  | Corrected EEM for sample 27 June 2019, BVR, Site 20, Depth 0.1 m, Rep 1 |
| p\_B27Jun19\_200\_R2.csv |  |  | Corrected EEM for sample 27 June 2019, BVR, Site 200, Depth 0.1 m, Rep 2 |
| p\_B27Jun19\_30\_R1.csv |  |  | Corrected EEM for sample 27 June 2019, BVR, Site 30, Depth 0.1 m, Rep 1 |
| p\_B27Jun19\_45\_R1.csv |  |  | Corrected EEM for sample 27 June 2019, BVR, Site 45, Depth 0.1 m, Rep 1 |
| p\_B27Jun19\_50\_R1.csv |  |  | Corrected EEM for sample 27 June 2019, BVR, Site 50, Depth 0.1 m, Rep 1 |
| p\_B29Apr19\_01\_R1.csv |  |  | Corrected EEM for sample 29 April 2019, BVR, Site 01, Depth 0.1 m, Rep 1 |
| p\_B29Apr19\_100\_R1.csv |  |  | Corrected EEM for sample 29 April 2019, BVR, Site 100, Depth 0.1 m, Rep 1 |
| p\_B29Apr19\_20\_R1.csv |  |  | Corrected EEM for sample 29 April 2019, BVR, Site 20, Depth 0.1 m, Rep 1 |
| p\_B29Apr19\_200\_R2.csv |  |  | Corrected EEM for sample 29 April 2019, BVR, Site 200, Depth 0.1 m, Rep 2 |
| p\_B29Apr19\_30\_R2.csv |  |  | Corrected EEM for sample 29 April 2019, BVR, Site 30, Depth 0.1 m, Rep 2 |
| p\_B29Apr19\_45\_R1.csv |  |  | Corrected EEM for sample 29 April 2019, BVR, Site 45, Depth 0.1 m, Rep 1 |
| p\_B29Apr19\_50\_R1.csv |  |  | Corrected EEM for sample 29 April 2019, BVR, Site 50, Depth 0.1 m, Rep 1 |
| p\_B30Mar20\_01\_R2.csv |  |  | Corrected EEM for sample 30 March 2020, BVR, Site 01, Depth 0.1 m, Rep 2 |
| p\_B30Mar20\_100\_R2.csv |  |  | Corrected EEM for sample 30 March 2020, BVR, Site 100, Depth 0.1 m, Rep 2 |
| p\_B30Mar20\_20\_R1.csv |  |  | Corrected EEM for sample 30 March 2020, BVR, Site 20, Depth 0.1 m, Rep 1 |
| p\_B30Mar20\_200\_R1.csv |  |  | Corrected EEM for sample 30 March 2020, BVR, Site 200, Depth 0.1 m, Rep 1 |
| p\_B30Mar20\_30\_R2.csv |  |  | Corrected EEM for sample 30 March 2020, BVR, Site 30, Depth 0.1 m, Rep 2 |
| p\_B30Mar20\_45\_R2.csv |  |  | Corrected EEM for sample 30 March 2020, BVR, Site 45, Depth 0.1 m, Rep 2 |
| p\_B30Mar20\_50\_R2.csv |  |  | Corrected EEM for sample 30 March 2020, BVR, Site 50, Depth 0.1 m, Rep 2 |
| p\_B30May19\_01\_R1.csv |  |  | Corrected EEM for sample 30 May 2019, BVR, Site 01, Depth 0.1 m, Rep 1 |
| p\_B30May19\_100\_R1.csv |  |  | Corrected EEM for sample 30 May 2019, BVR, Site 100, Depth 0.1 m, Rep 1 |
| p\_B30May19\_20\_R2.csv |  |  | Corrected EEM for sample 30 May 2019, BVR, Site 20, Depth 0.1 m, Rep 2 |
| p\_B30May19\_200\_R1.csv |  |  | Corrected EEM for sample 30 May 2019, BVR, Site 200, Depth 0.1 m, Rep 1 |
| p\_B30May19\_30\_R1.csv |  |  | Corrected EEM for sample 30 May 2019, BVR, Site 30, Depth 0.1 m, Rep 1 |
| p\_B30May19\_45\_R2.csv |  |  | Corrected EEM for sample 30 May 2019, BVR, Site 45, Depth 0.1 m, Rep 2 |
| p\_B30May19\_50\_R2.csv |  |  | Corrected EEM for sample 30 May 2019, BVR, Site 50, Depth 0.1 m, Rep 2 |
| p\_F04Oct19\_01\_R2.csv |  |  | Corrected EEM for sample 04 October 2019, FCR, Site 01, Depth 0.1 m, Rep 2 |
| p\_F04Oct19\_100\_R2.csv |  |  | Corrected EEM for sample 04 October 2019, FCR, Site 100, Depth 0.1 m, Rep 2 |
| p\_F04Oct19\_101\_R2.csv |  |  | Corrected EEM for sample 04 October 2019, FCR, Site 101, Depth 0.1 m, Rep 2 |
| p\_F04Oct19\_102\_R2.csv |  |  | Corrected EEM for sample 04 October 2019, FCR, Site 102, Depth 0.1 m, Rep 2 |
| p\_F04Oct19\_20\_R2.csv |  |  | Corrected EEM for sample 04 October 2019, FCR, Site 20, Depth 0.1 m, Rep 2 |
| p\_F04Oct19\_200\_R2.csv |  |  | Corrected EEM for sample 04 October 2019, FCR, Site 200, Depth 0.1 m, Rep 2 |
| p\_F04Oct19\_30\_R2.csv |  |  | Corrected EEM for sample 04 October 2019, FCR, Site 30, Depth 0.1 m, Rep 2 |
| p\_F04Oct19\_45\_R2.csv |  |  | Corrected EEM for sample 04 October 2019, FCR, Site 45, Depth 0.1 m, Rep 2 |
| p\_F04Oct19\_5m\_R2.csv |  |  | Corrected EEM for sample 04 October 2019, FCR, Site 50, Depth 5.0 m, Rep 2 |
| p\_F04Oct19\_99\_R1.csv |  |  | Corrected EEM for sample 04 October 2019, FCR, Site 99, Depth 0.1 m, Rep 1 |
| p\_F04Oct19\_9m\_R2.csv |  |  | Corrected EEM for sample 04 October 2019, FCR, Site 50, Depth 9.0 m, Rep 2 |
| p\_F04Oct19\_Surf\_R1.csv |  |  | Corrected EEM for sample 04 October 2019, FCR, Site 50, Depth 0.1 m, Rep 1 |
| p\_F11Sep19\_5.0R2.csv |  |  | Corrected EEM for sample 11 September 2019, FCR, Site 50, Depth 5.0 m, Rep 2 |
| p\_F11Sep19\_9.0R2.csv |  |  | Corrected EEM for sample 11 September 2019, FCR, Site 50, Depth 9.0 m, Rep 2 |
| p\_F12Aug19\_5m\_R1.csv |  |  | Corrected EEM for sample 12 August 2019, FCR, Site 50, Depth 5.0 m, Rep 1 |
| p\_F12Aug19\_9m\_R2.csv |  |  | Corrected EEM for sample 12 August 2019, FCR, Site 50, Depth 9.0 m, Rep 2 |
| p\_F12Aug19\_Surf\_R2.csv |  |  | Corrected EEM for sample 12 August 2019, FCR, Site 50, Depth 0.1 m, Rep 2 |
| p\_F13Jun19\_0.1R2.csv |  |  | Corrected EEM for sample 13 June 2019, FCR, Site 50, Depth 0.1 m, Rep 2 |
| p\_F16Oct19\_5m\_R2.csv |  |  | Corrected EEM for sample 16 October 2019, FCR, Site 50, Depth 5.0 m, Rep 2 |
| p\_F16Oct19\_9m\_R2.csv |  |  | Corrected EEM for sample 16 October 2019, FCR, Site 50, Depth 9.0 m, Rep 2 |
| p\_F16Oct19\_Surf\_R1.csv |  |  | Corrected EEM for sample 16 October 2019, FCR, Site 50, Depth 0.1 m, Rep 1 |
| p\_F18Jul19\_01\_R1.csv |  |  | Corrected EEM for sample 18 July 2019, FCR, Site 01, Depth 0.1 m, Rep 1 |
| p\_F18Jul19\_100\_R2.csv |  |  | Corrected EEM for sample 18 July 2019, FCR, Site 100, Depth 0.1 m, Rep 2 |
| p\_F18Jul19\_101\_R2.csv |  |  | Corrected EEM for sample 18 July 2019, FCR, Site 101, Depth 0.1 m, Rep 2 |
| p\_F18Jul19\_102\_R2.csv |  |  | Corrected EEM for sample 18 July 2019, FCR, Site 102, Depth 0.1 m, Rep 2 |
| p\_F18Jul19\_20\_R2.csv |  |  | Corrected EEM for sample 18 July 2019, FCR, Site 20, Depth 0.1 m, Rep 2 |
| p\_F18Jul19\_200\_R1.csv |  |  | Corrected EEM for sample 18 July 2019, FCR, Site 200, Depth 0.1 m, Rep 1 |
| p\_F18Jul19\_30\_R1.csv |  |  | Corrected EEM for sample 18 July 2019, FCR, Site 30, Depth 0.1 m, Rep 1 |
| p\_F18Jul19\_45\_R1.csv |  |  | Corrected EEM for sample 18 July 2019, FCR, Site 45, Depth 0.1 m, Rep 1 |
| p\_F18Jul19\_99\_R1.csv |  |  | Corrected EEM for sample 18 July 2019, FCR, Site 99, Depth 0.1 m, Rep 1 |
| p\_F18Jul19\_Surf\_R1.csv |  |  | Corrected EEM for sample 18 July 2019, FCR, Site 50, Depth 0.1 m, Rep 1 |
| p\_F19Aug19\_5mR2.csv |  |  | Corrected EEM for sample 19 August 2019, FCR, Site 50, Depth 5.0 m, Rep 2 |
| p\_F19Aug19\_9mR1.csv |  |  | Corrected EEM for sample 19 August 2019, FCR, Site 50, Depth 9.0 m, Rep 1 |
| p\_F19Aug19\_Inf\_R1.csv |  |  | Corrected EEM for sample 19 August 2019, FCR, Site 100, Depth 0.1 m, Rep 1 |
| p\_F19Aug19\_Wet\_R2.csv |  |  | Corrected EEM for sample 19 August 2019, FCR, Site 200, Depth 0.1 m, Rep 2 |
| p\_F19Aug19Surf\_R1.csv |  |  | Corrected EEM for sample 19 August 2019, FCR, Site 50, Depth 0.1 m, Rep 1 |
| p\_F19Mar20\_01\_R2.csv |  |  | Corrected EEM for sample 30 March 2020, FCR, Site 01, Depth 0.1 m, Rep 2 (NOT: 19 March 2020) |
| p\_F19mar20\_100\_R1.csv |  |  | Corrected EEM for sample 30 March 2020, FCR, Site 100, Depth 0.1 m, Rep 1 (NOT: 19 March 2020) |
| p\_F19Mar20\_101\_R2.csv |  |  | Corrected EEM for sample 30 March 2020, FCR, Site 101, Depth 0.1 m, Rep 2 (NOT: 19 March 2020) |
| p\_F19Mar20\_102\_R2.csv |  |  | Corrected EEM for sample 30 March 2020, FCR, Site 102, Depth 0.1 m, Rep 2 (NOT: 19 March 2020) |
| p\_F19mar20\_20\_R2.csv |  |  | Corrected EEM for sample 30 March 2020, FCR, Site 20, Depth 0.1 m, Rep 2 (NOT: 19 March 2020) |
| p\_F19Mar20\_200\_R1.csv |  |  | Corrected EEM for sample 30 March 2020, FCR, Site 200, Depth 0.1 m, Rep 1 (NOT: 19 March 2020) |
| p\_F19Mar20\_30\_R2.csv |  |  | Corrected EEM for sample 30 March 2020, FCR, Site 30, Depth 0.1 m, Rep 2 (NOT: 19 March 2020) |
| p\_F19Mar20\_45\_R1.csv |  |  | Corrected EEM for sample 30 March 2020, FCR, Site 45, Depth 0.1 m, Rep 1 (NOT: 19 March 2020) |
| p\_F19Mar20\_99\_R2.csv |  |  | Corrected EEM for sample 30 March 2020, FCR, Site 99, Depth 0.1 m, Rep 2 (NOT: 19 March 2020) |
| p\_F1Jul19\_5mR1.csv |  |  | Corrected EEM for sample 01 July 2019, FCR, Site 50, Depth 5.0 m, Rep 1 |
| p\_F1Jul19\_9.0mR1.csv |  |  | Corrected EEM for sample 01 July 2019, FCR, Site 50, Depth 9.0 m, Rep 1 |
| p\_F20May19\_0.1mR2.csv |  |  | Corrected EEM for sample 20 May 2019, FCR, Site 50, Depth 0.1 m, Rep 2 |
| p\_F20May19\_5.0mR2.csv |  |  | Corrected EEM for sample 20 May 2019, FCR, Site 50, Depth 5.0 m, Rep 2 |
| p\_F20May19\_9.0mR2.csv |  |  | Corrected EEM for sample 20 May 2019, FCR, Site 50, Depth 9.0 m, Rep 2 |
| p\_F20Nov19\_5m\_R1.csv |  |  | Corrected EEM for sample 20 November 2019, FCR, Site 50, Depth 5.0 m, Rep 1 |
| p\_F20Nov19\_9m\_R1.csv |  |  | Corrected EEM for sample 20 November 2019, FCR, Site 50, Depth 9.0 m, Rep 1 |
| p\_F20Nov19\_Surf\_R2.csv |  |  | Corrected EEM for sample 20 November 2019, FCR, Site 50, Depth 0.1 m, Rep 2 |
| p\_F20Sep19\_100\_R1.csv |  |  | Corrected EEM for sample 20 September 2019, FCR, Site 100, Depth 0.1 m, Rep 1 |
| p\_F20Sep19\_20\_R1.csv |  |  | Corrected EEM for sample 20 September 2019, FCR, Site 20, Depth 0.1 m, Rep 1 |
| p\_F20Sep19\_30\_R2.csv |  |  | Corrected EEM for sample 20 September 2019, FCR, Site 30, Depth 0.1 m, Rep 2 |
| p\_F20Sep19\_45\_R1.csv |  |  | Corrected EEM for sample 20 September 2019, FCR, Site 45, Depth 0.1 m, Rep 1 |
| p\_F20Sep19\_9R2\_Dil.csv |  |  | Corrected EEM for sample 20 September 2019, FCR, Site 50, Depth 9.0 m, Rep 2, Dilution 1:2 |
| p\_F20Sep19\_SurfR2\_Dil.csv |  |  | Corrected EEM for sample 20 September 2019, FCR, Site 50, Depth 0.1 m, Rep 2, Dilution 1:2 |
| p\_F22Aug19\_0.1R1.csv |  |  | Corrected EEM for sample 22 August 2019, FCR, Site 50, Depth 0.1 m, Rep 1 |
| p\_F22Aug19\_01\_R2.csv |  |  | Corrected EEM for sample 22 August 2019, FCR, Site 01, Depth 0.1 m, Rep 2 |
| p\_F22Aug19\_100\_R1.csv |  |  | Corrected EEM for sample 22 August 2019, FCR, Site 100, Depth 0.1 m, Rep 1 |
| p\_F22Aug19\_101\_R2.csv |  |  | Corrected EEM for sample 22 August 2019, FCR, Site 101, Depth 0.1 m, Rep 2 |
| p\_F22Aug19\_102\_R1.csv |  |  | Corrected EEM for sample 22 August 2019, FCR, Site 102, Depth 0.1 m, Rep 1 |
| p\_F22Aug19\_20\_R1.csv |  |  | Corrected EEM for sample 22 August 2019, FCR, Site 20, Depth 0.1 m, Rep 1 |
| p\_F22Aug19\_200\_R2.csv |  |  | Corrected EEM for sample 22 August 2019, FCR, Site 200, Depth 0.1 m, Rep 2 |
| p\_F22Aug19\_30\_R1.csv |  |  | Corrected EEM for sample 22 August 2019, FCR, Site 30, Depth 0.1 m, Rep 1 |
| p\_F22Aug19\_45\_R1.csv |  |  | Corrected EEM for sample 22 August 2019, FCR, Site 45, Depth 0.1 m, Rep 1 |
| p\_F22Aug19\_5.0R1.csv |  |  | Corrected EEM for sample 22 August 2019, FCR, Site 50, Depth 5.0 m, Rep 1 |
| p\_F22Aug19\_50\_R2.csv |  |  | Corrected EEM for sample 22 August 2019, FCR, Site 50, Depth 0.1 m, Rep 2 |
| p\_F22Aug19\_5m\_R2.csv |  |  | Corrected EEM for sample 22 August 2019, FCR, Site 50, Depth 5.0 m, Rep 2 |
| p\_F22Aug19\_99\_R1.csv |  |  | Corrected EEM for sample 22 August 2019, FCR, Site 99, Depth 0.1 m, Rep 1 |
| p\_F22Aug19\_9m\_R1.csv |  |  | Corrected EEM for sample 22 August 2019, FCR, Site 50, Depth 9.0 m, Rep 1 |
| p\_F22Jul19\_0.1mR1\_Dil.csv |  |  | Corrected EEM for sample 22 July 2019, FCR, Site 50, Depth 0.1 m, Rep 1, Dilution 1:2 |
| p\_F22Jul19\_5mR2.csv |  |  | Corrected EEM for sample 22 July 2019, FCR, Site 50, Depth 5.0 m, Rep 2 |
| p\_F22Jul19\_9mR2\_Dil.csv |  |  | Corrected EEM for sample 22 July 2019, FCR, Site 50, Depth 9.0 m, Rep 2, Dilution 1:2 |
| p\_F23Oct19\_5m\_R2.csv |  |  | Corrected EEM for sample 23 October 2019, FCR, Site 50, Depth 5.0 m, Rep 2 |
| p\_F23Oct19\_9m\_R2.csv |  |  | Corrected EEM for sample 23 October 2019, FCR, Site 50, Depth 9.0 m, Rep 2 |
| p\_F23Oct19\_Surf\_R2.csv |  |  | Corrected EEM for sample 23 October 2019, FCR, Site 50, Depth 0.1 m, Rep 2 |
| p\_F27Jun19\_01\_R2.csv |  |  | Corrected EEM for sample 27 June 2019, FCR, Site 01, Depth 0.1 m, Rep 2 |
| p\_F27Jun19\_100\_R2.csv |  |  | Corrected EEM for sample 27 June 2019, FCR, Site 100, Depth 0.1 m, Rep 2 |
| p\_F27Jun19\_101\_R1.csv |  |  | Corrected EEM for sample 27 June 2019, FCR, Site 101, Depth 0.1 m, Rep 1 |
| p\_F27Jun19\_102\_R1.csv |  |  | Corrected EEM for sample 27 June 2019, FCR, Site 102, Depth 0.1 m, Rep 1 |
| p\_F27Jun19\_20\_R1.csv |  |  | Corrected EEM for sample 27 June 2019, FCR, Site 20, Depth 0.1 m, Rep 1 |
| p\_F27Jun19\_200\_R2.csv |  |  | Corrected EEM for sample 27 June 2019, FCR, Site 200, Depth 0.1 m, Rep 2 |
| p\_F27Jun19\_30\_R1.csv |  |  | Corrected EEM for sample 27 June 2019, FCR, Site 30, Depth 0.1 m, Rep 1 |
| p\_F27Jun19\_45\_R1.csv |  |  | Corrected EEM for sample 27 June 2019, FCR, Site 45, Depth 0.1 m, Rep 1 |
| p\_F27Jun19\_50\_R2.csv |  |  | Corrected EEM for sample 27 June 2019, FCR, Site 50, Depth 0.1 m, Rep 2 |
| p\_F27Jun19\_5m\_R1.csv |  |  | Corrected EEM for sample 27 June 2019, FCR, Site 50, Depth 5.0 m, Rep 1 |
| p\_F27Jun19\_99\_R2.csv |  |  | Corrected EEM for sample 27 June 2019, FCR, Site 99, Depth 0.1 m, Rep 2 |
| p\_F27Jun19\_9m\_R1.csv |  |  | Corrected EEM for sample 27 June 2019, FCR, Site 50, Depth 9.0 m, Rep 1 |
| p\_F27May19\_9m\_R1.csv |  |  | Corrected EEM for sample 27 May 2019, FCR, Site 50, Depth 9.0 m, Rep 1 |
| p\_F28Aug19\_5.0R2.csv |  |  | Corrected EEM for sample 29 August 2019, FCR, Site 50, Depth 5.0 m, Rep 2 |
| p\_F28Aug190\_0.1R2.csv |  |  | Corrected EEM for sample 29 August 2019, FCR, Site 50, Depth 0.1 m, Rep 2 |
| p\_F29Apr19\_01\_R1.csv |  |  | Corrected EEM for sample 29 April 2019, FCR, Site 01, Depth 0.1 m, Rep 1 |
| p\_F29Apr19\_100\_R1.csv |  |  | Corrected EEM for sample 29 April 2019, FCR, Site 100, Depth 0.1 m, Rep 1 |
| p\_F29Apr19\_101\_R1.csv |  |  | Corrected EEM for sample 29 April 2019, FCR, Site 101, Depth 0.1 m, Rep 1 |
| p\_F29Apr19\_102\_R1.csv |  |  | Corrected EEM for sample 29 April 2019, FCR, Site 102, Depth 0.1 m, Rep 1 |
| p\_F29Apr19\_20\_R1.csv |  |  | Corrected EEM for sample 29 April 2019, FCR, Site 20, Depth 0.1 m, Rep 1 |
| p\_F29Apr19\_200\_R1.csv |  |  | Corrected EEM for sample 29 April 2019, FCR, Site 200, Depth 0.1 m, Rep 1 |
| p\_F29Apr19\_30\_R1.csv |  |  | Corrected EEM for sample 29 April 2019, FCR, Site 30, Depth 0.1 m, Rep 1 |
| p\_F29Apr19\_45\_R1.csv |  |  | Corrected EEM for sample 29 April 2019, FCR, Site 45, Depth 0.1 m, Rep 1 |
| p\_F29Apr19\_50\_R1.csv |  |  | Corrected EEM for sample 29 April 2019, FCR, Site 50, Depth 0.1 m, Rep 1 |
| p\_F29Apr19\_99\_R1.csv |  |  | Corrected EEM for sample 29 April 2019, FCR, Site 99, Depth 0.1 m, Rep 1 |
| p\_F29Jul19\_5mR1\_ReDL.csv |  |  | Corrected EEM for sample 29 July 2019, FCR, Site 50, Depth 5.0 m, Rep 1, Dilution 1:2, Re-run |
| p\_F29Jul19\_Inf\_R1.csv |  |  | Corrected EEM for sample 29 July 2019, FCR, Site 100, Depth 0.1 m, Rep 1 |
| p\_F29Jul19\_SurfR2\_Dil.csv |  |  | Corrected EEM for sample 29 July 2019, FCR, Site 50, Depth 0.1 m, Rep 2, Dilution 1:2 |
| p\_F29Jul19\_Wet\_R1.csv |  |  | Corrected EEM for sample 29 July 2019, FCR, Site 200, Depth 0.1 m, Rep 1 |
| p\_F29Sep19\_9R1\_Dil.csv |  |  | Corrected EEM for sample 2 September 2019, FCR, Site 50, Depth 9.0 m, Rep 1, Dilution 1:2 (NOT: 29 September 2019) |
| p\_F2Sep19\_5R1\_Dil.csv |  |  | Corrected EEM for sample 2 September 2019, FCR, Site 50, Depth 5.0 m, Rep 1, Dilution 1:2 |
| p\_F2Sep19\_Inf\_R1.csv |  |  | Corrected EEM for sample 2 September 2019, FCR, Site 100, Depth 0.1 m, Rep 1 |
| p\_F2Sep19\_SurfR1\_Dil.csv |  |  | Corrected EEM for sample 2 September 2019, FCR, Site 50, Depth 0.1 m, Rep 1, Dilution 1:2 |
| p\_F2Sep19\_Wet\_R2.csv |  |  | Corrected EEM for sample 2 September 2019, FCR, Site 200, Depth 0.1 m, Rep 2 |
| p\_F30Mar20\_50\_R2.csv |  |  | Corrected EEM for sample 30 March 2020, FCR, Site 50, Depth 0.1 m, Rep 2 |
| p\_F30May19\_01\_R2.csv |  |  | Corrected EEM for sample 30 May 2019, FCR, Site 01, Depth 0.1 m, Rep 2 |
| p\_F30May19\_100\_R2.csv |  |  | Corrected EEM for sample 30 May 2019, FCR, Site 100, Depth 0.1 m, Rep 2 |
| p\_F30May19\_101\_R2.csv |  |  | Corrected EEM for sample 30 May 2019, FCR, Site 101, Depth 0.1 m, Rep 2 |
| p\_F30May19\_102\_R1.csv |  |  | Corrected EEM for sample 30 May 2019, FCR, Site 102, Depth 0.1 m, Rep 1 |
| p\_F30May19\_20\_R1.csv |  |  | Corrected EEM for sample 30 May 2019, FCR, Site 20, Depth 0.1 m, Rep 1 |
| p\_F30May19\_200\_R2.csv |  |  | Corrected EEM for sample 30 May 2019, FCR, Site 200, Depth 0.1 m, Rep 2 |
| p\_F30May19\_30\_R2.csv |  |  | Corrected EEM for sample 30 May 2019, FCR, Site 30, Depth 0.1 m, Rep 2 |
| p\_F30May19\_45\_R1.csv |  |  | Corrected EEM for sample 30 May 2019, FCR, Site 45, Depth 0.1 m, Rep 1 |
| p\_F30May19\_50\_R1.csv |  |  | Corrected EEM for sample 30 May 2019, FCR, Site 50, Depth 0.1 m, Rep 1 |
| p\_F30May19\_99\_R2.csv |  |  | Corrected EEM for sample 30 May 2019, FCR, Site 99, Depth 0.1 m, Rep 2 |
| p\_F30Oct19\_5m\_R2.csv |  |  | Corrected EEM for sample 30 October 2019, FCR, Site 50, Depth 5.0 m, Rep 2 |
| p\_F30Oct19\_9m\_R2.csv |  |  | Corrected EEM for sample 30 October 2019, FCR, Site 50, Depth 9.0 m, Rep 2 |
| p\_F30Oct19\_Surf\_R1.csv |  |  | Corrected EEM for sample 30 October 2019, FCR, Site 50, Depth 0.1 m, Rep 1 |
| p\_F3Jun19\_0.1mR2.csv |  |  | Corrected EEM for sample 03 June 2019, FCR, Site 50, Depth 0.1 m, Rep 2 |
| p\_F3Jun19\_5.0mR1.csv |  |  | Corrected EEM for sample 03 June 2019, FCR, Site 50, Depth 5.0 m, Rep 1 |
| p\_F3Jun19\_9m\_R2\_AH.csv |  |  | Corrected EEM for sample 03 June 2019, FCR, Site 50, Depth 9.0 m, Rep 2 |
| p\_F4Oct19\_5.0R1.csv |  |  | Corrected EEM for sample 04 October 2019, FCR, Site 50, Depth 5.0 m, Rep 1 |
| p\_F4Oct19\_9.0R1.csv |  |  | Corrected EEM for sample 04 October 2019, FCR, Site 50, Depth 9.0 m, Rep 1 |
| p\_F5Aug19\_5R1.csv |  |  | Corrected EEM for sample 05 August 2019, FCR, Site 50, Depth 5.0 m, Rep 1 |
| p\_F5Aug19\_Inf\_R1.csv |  |  | Corrected EEM for sample 05 August 2019, FCR, Site 100, Depth 0.1 m, Rep 1 |
| p\_F5Aug19\_SurfR1\_Dil.csv |  |  | Corrected EEM for sample 05 August 2019, FCR, Site 50, Depth 0.1 m, Rep 1, Dilution 1:2 |
| p\_F5Aug19\_Wet\_R1.csv |  |  | Corrected EEM for sample 05 August 2019, FCR, Site 200, Depth 0.1 m, Rep 1 |
| p\_F6Jun19\_Surf\_R1.csv |  |  | Corrected EEM for sample 06 June 2019, FCR, Site 50, Depth 0.1 m, Rep 1 |
| p\_F8Jul19\_0.1mR2\_Dil.csv |  |  | Corrected EEM for sample 08 July 2019, FCR, Site 50, Depth 0.1 m, Rep 2, Dilution 1:2 |
| p\_F8Jul19\_5mR1.csv |  |  | Corrected EEM for sample 08 July 2019, FCR, Site 50, Depth 5.0 m, Rep 1 |
| p\_F8Jul19\_9.0mR1.csv |  |  | Corrected EEM for sample 08 July 2019, FCR, Site 50, Depth 9.0 m, Rep 1 |
| p\_F8Nov19\_0.1R1.csv |  |  | Corrected EEM for sample 08 November 2019, FCR, Site 50, Depth 0.1 m, Rep 1 |
| p\_F8Nov19\_100\_R2.csv |  |  | Corrected EEM for sample 08 November 2019, FCR, Site 100, Depth 0.1 m, Rep 2 |
| p\_F8Nov19\_5.0R2.csv |  |  | Corrected EEM for sample 08 November 2019, FCR, Site 50, Depth 5.0 m, Rep 2 |
| p\_F8Nov19\_9.0R2.csv |  |  | Corrected EEM for sample 08 November 2019, FCR, Site 50, Depth 9.0 m, Rep 2 |

**Data Table Structure**

All files starting with ‘p\_’

Each column (A-AQ) corresponds to Excitation Wavelengths from 240-450 nm every 5 nm (n = 43). Each row (1-151) corresponds to Emission Wavelengths from 300-600 nm every 2 nm (n = 151). Each Excitation, Emission pair contains the CORRECTED fluorescent intensity in Relative Fluorescence Units (RFU). The data is corrected for the instrument excitation and emission corrections, blank corrected using a Nanopure blank collected on the same day as analysis, inner-filtering effects using the absorbance scan collected on the same day of analysis and calibrated against the Raman signal for Nanopure water.