**Overview of the PhD student activities in the Chemistry program in the field of Environmental Chemistry: 2015/16**

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| --- | --- |
| **Student** (given name and surname) | Marie Daniëlle Mulder |
| **Supervisor** (given name and surname) | Gerhard Lammel |
| **Consultant** (given name and surname) | Gerhard Wotawa (ZAMG, Wien) |
| **Beginning of the study** (month/year) | 09/2012 |
| **Form of study** (delete where appropriate) | Present (internal) |

**Summary of yearly research results** (15 lines maximum)

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| * applied the Lagrangian atmospheric models FLEXPART and HYSPLIT related to field studies, including development of scripts for batch runs
* Analysed atmospheric transports of a field campaign (Aegean 2012) dataset using an innovative sophistication of then Lagrangian particle dispersion model FLEXPART
* Analysed local processes of POPs cycling related to a field study using multimedia box modeling, including development of scripts
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**Internship abroad** (place, start date, duration)

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| Max Planck Institute for Chemistry, Mainz, Germany, 7.12.15, 3 days |

**Publication activities 2015/16 (accumulated since 2012)**

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| --- | --- |
| Number of peer-reviewed articles in impacted journals | 3 (8) |
| Number of conference (oral/poster) presentations | 2 (7) |
| Number of other publishing activities (non peer-reviewed articles, books, book chapters, patents etc.) | 0 (2) |
| Public lecture in English (delete where appropriate) | yes |

**The most important results** (5 maximum, show the impact factor of the journal):

|  |  |
| --- | --- |
| 1 | Co-author publication in Environ. Sci. Technol., IF 5.39 |
| 2 | Co-author publication in Atmos. Chem. Phys., IF 5.11 |
| 3 | Co-author publication in Environ. Sci. Pollut. Res., IF 2.76 |
| 4 |  |
| 5 |  |