**CURRICULUM VITAE**

**Member of the Scientific Committee REACH**

**1. General Information**

|  |  |
| --- | --- |
| **Name** (FAMILY NAME, First Name) | BIERKENS Johan |
| **Nationality** | Belgium |

**2. Education**

|  |
| --- |
| 1986 Ph.D. Biological sciences, University of Antwerp, Belgium  1981 Master (Licentiate) Biological sciences, University of Antwerp, Belgium |

**3. Relevant employment**

|  |  |
| --- | --- |
| **Present employment** | **VITO, Flemish Institute for Technological Research, Mol, Belgium**  Expert human exposure and risk assessment |
| **Previous relevant employment** | **Paterson Institute for Cancer Research, Manchester, UK**  Research scientist- Member of Staff, Radiation and Haematology Lab  **University of Reading, Reading, UK**  Postdoctoral Research Scientist, National Environmental Reaserch Councel |

**4. Relevant fields of in-depth expertise**

|  |  |
| --- | --- |
| **Area of expertise** | **Description** |
| **Human exposure assessment** | Impact environmental pollution on human health. Participation European Framework projects for the development of tools/frameworks for human impact assessment. |
| **Risk assessment chemicals** | Derivation of environmental soil and surface water standards in Flanders, Belgium |

**5. Membership of relevant professional bodies**

|  |
| --- |
| **/** |

**6. Other relevant information**

|  |
| --- |
| **Relevant publications last 3 years:**  J. Bierkens, M. Van Holderbeke, C. Cornelis, R. Torfs (2011) Exposure through soil and dust ingestion. In: Book on Contaminated Sites – From theory to practice (Swartjes, F. ed.), Springer, p 261-286.  J. Bierkens, R. Smolders, M. Van Holderbeke, C. Cornelis (2011) Predicting blood lead levels from current and past environmental data in Europe. Science Total Environment 409: 5101-5110.  J. Bierkens, J. Buekers, M. Van Holderbeke, R. Torfs (2012) Health impact assessment and monetary valuation of IQ loss in pre-school children due to lead exposure through locally produced food. Science Total Environment 414: 90-97.  Elisa Giubilato, Alex Zabeo, Andrea Critto, Silvio Giove, Johan Bierkens, Elly Den Hond, Antonio Marcomini (2014) A risk-based methodology for ranking environmental chemical stressors at the regional scale. Environment International 65: 41–53  Johan Bierkens and Lieve Geerts (2014) Environmental hazard and risk characterisation of petroleum substances: A guided “walking tour” of petroleum hydrocarbons. Environment International 66:182-193.  Jurgen Buekers, Mirja Van Holderbeke, Johan Bierkens, Luc Int Panis (2014) Health and environmental benefits related to electric vehicle introduction in EU countries. Transportation Research Part D Transport and Environment 33:26-38. |