

CLAIRE FAUCHEUX

PUBLICATIONS

---

(Last update: 2011)

Papers

**Faucheux C.** and Jeannée N. (2011). Industrial experience feedback of a geostatistical estimation of contaminated soil volumes. Proceedings of the ASME 2011 14th International Conference on Environmental Remediation and Radioactive Waste Management – ICEM2011 – September 25-29, 2011, Reims, France.

Birgand F., **Faucheux C.**, Gruau G., Moatar F. and Meybeck M. (2011). Uncertainties in assessing annual nitrate loads and concentration indicators: Part 2. Deriving sampling frequency charts in Brittany, France. *Trans. ASABE*. 54(1): 93-104.

Birgand F., **Faucheux C.**, Gruau G., Augeard B., Moatar F. and Bordenave P. (2010). Uncertainties in assessing annual nitrate loads and concentration indicators: Part 1. Impact of sampling frequency and load estimation algorithms. *Trans. ASABE*. 53(2): 437-446.

Benoit Y., Fouquet de C., Polus-Lefebvre E., **Faucheux C.**, Fricaudet B., Carpentier C., Gourry J.-C. et Haudidier N. (2009). LOQUAS : Combinaison des reconnaissances géophysiques et physico-chimiques pour l'estimation géostatistique de pollutions de sols par hydrocarbures. Deuxièmes rencontres nationales de la recherche sur les sites et sols pollués, Ademe – Paris – October 20-21 2009.

Birgand F., **Faucheux C.**, Gruau G., Augeard B., Moatar F., Meybeck M., Bouédo A. and Bordenave P. (2009). Une approche quantitative du rôle de la fréquence d'échantillonnage sur les incertitudes associées aux calculs des flux et des concentrations moyennes en nitrate en Bretagne. *Ingénieries – EAT*. 59-60: 23-37.

Moatar, F., Birgand F., Meybeck M., **Faucheux C.** and Raymond S. (2009). Incertitudes sur les métriques de qualité des cours d'eau (médianes et quantiles de concentrations, flux, cas des nutriments) évaluées à partir de suivis discrets. *La Houille Blanche*. No.3 (Juin 2009): 68-76.

**Faucheux C.**, Polus-Lefebvre E., Fouquet de C., Benoit Y., Fricaudet B., Carpentier C. and Gourry J.-C. (2008). Characterisation of a hydrocarbon polluted soil by an intensive multi-scale sampling. VIII International Geostatistics Congress, GEOSTATS 2008 – pp. 961-970 – Santiago, Chile – December 1-5, 2008.

Benoit, Y., Fouquet de C., Fricaudet B., Carpentier C., Gourry J.C., Haudidier N., Lefebvre E., and **Faucheux C.** (2008). Cross linked methodologies to assess the contamination extension of hydrocarbon polluted soil. Consoil Congress – Milan, Italy – June 3-6, 2008.

Oral communications

Martin P., **Faucheux C.**, Cuyppers M., Jeannée N. and Jacobs A. (2014). Geostatistical study supporting cost-effective remediation of a site with historical lead impact – geoEnv 2014 – Paris, France – July 9-11, 2014.

**Faucheux C.**, Desnoyers Y. et De Moura P. (2013). Characterization of a deep radiological contamination: Integration of Geostatistical processing and Historical data – AquaConsoil 2013 – Barcelona, Spain – Avril 16-19, 2013.

**Faucheux C.**, Jeannée N. (2012). Industrial experience feedback of a geostatistical estimation of contaminated soil volumes – GeoEnv 2012 – Valencia, Spain – Septembre 18-21, 2012.

Jeannée N., Bardou E, **Faucheux C.** and Ornstein P. (2012). Geostatistical assessment of ice content distribution within the "glacier bonnard" (Switzerland) – GeoEnv 2012 – Valencia, Spain – Septembre 18-21, 2012.

Jeannée N., **Faucheux C.**, Bardou E. and Ornstein P. (2011). Geostatistical modeling of ice content within the "Glacier Bonnard" (Switzerland). *Spatial Data Methods for Environmental and Ecological Processes – 2nd Edition* – September 1-2, 2011 – Foggia and Gargano (FG), Puglia, Italy.

**Faucheux C.**, Jeannée N. (2011). Industrial experience feedback of a geostatistical estimation of contaminated soil volumes – InterSol 2011 – Lyon, France – March 28-31, 2011.

Dubot D., Desnoyers Y., **Faucheux C.**, Attiogbé J., Jeannée N., De Moura P. (2010). Characterization of radio-contaminated soils in France: challenges, methods and outcomes – CONSOIL 2010 – Salzburg, Austria – September 21-24, 2010.

**Faucheux C.**, Benoit Y., Fouquet de C. et Polus-Lefebvre E. (2009). Variabilité spatiale de sols pollués par des hydrocarbures : principales contributions du projet LOQUAS. Journées de géostatistique – Fontainebleau, France – September 24-25, 2009.

**Faucheux C.**, Fouquet de C., Cárdenas G. and Malherbe L. (2009). How to build an initial sampling scheme: recommendations for measurement surveys of air quality. TIES Congress 2009 – Bologna, Italy – July 5-9, 2009.

Birgand F., **Faucheux C.**, Moatar F. and Meybeck M. (2009). Uncertainties on nitrate water quality indicators associated with infrequent sampling in Brittany, France. 2009 ASABE Annual International Meeting Paper No. 096601. St. Joseph, Mich.: ASABE – Reno, Nevada – June 21-24, 2009.

Birgand F., **Faucheux C.**, Moatar F., Meybeck M. (2009). Quelles erreurs pour quelles stratégies d'échantillonnage de l'eau dans les bassins versants ? (What kind of error for what sampling strategies in watersheds?). Presentation at the international forum on integrated water resource management at the Université de Sherbrooke – Sherbrooke, Québec – June 1-3, 2009.

Birgand F. et **Faucheux C.** (2006). Evaluation of sampling strategies for estimating annual nutrient loads at the outlets of rural watersheds. Colloque Man and River Systems II : Interactions entre les rivières, leurs bassins versants et les sociétés humaines – Paris – December 4-6, 2006.

#### Posters

**Faucheux C.**, Benoit Y., Carpentier C., Fouquet de C., Fricaudet B., Gourry J.-C. and Polus-Lefebvre E. (2009). Spatial variability of hydrocarbon polluted soils: main contributions of the LOQUAS project. Poster at TIES congress 2009 – Bologna, Italy – July 5-9, 2009.

Benoit, Y., Fouquet de C., Fricaudet B., Carpentier C., Gourry J.-C., Haudidier N., Lefebvre E., and **Faucheux C.** (2008). Cross linked methodologies to assess the contamination extension of hydrocarbon polluted soil. Poster at Séminaire PRECODD 2008 – Montpellier – October 9, 2008.