

1. Record Nr.	UNINA990004202260403321
Autore	Greimas, Algirdas Julien <1917-1992>
Titolo	Dictionnaire de l'ancien français jusqu'au milieu du 14. siècle / par A. J. Greimas
Pubbl/distr/stampa	Paris : Larousse, c1969
Descrizione fisica	XV, 676 p. ; 20 cm
Disciplina	447.0103
Locazione	FLFBC SDI
Collocazione	447.0103 GRE 1 SDI-KA 11
Lingua di pubblicazione	Francese
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2. Record Nr.	UNISA990000668500203316
Autore	ANSELMINI, Sergio
Titolo	Agricoltura e mondo contadino / Sergio Anselmi
Pubbl/distr/stampa	Bologna : Il mulino, 2001
ISBN	88-15--08092-9
Descrizione fisica	490 p. ; 22 cm
Collana	Collezione di testi e di studi , Storiografia
Disciplina	338.1094567
Soggetti	Agricoltura - Marche - Sec.14.-19 Proprietà fondiaria - Marche - Sec.14.-19
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Lingua di pubblicazione	Italiano
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3. Record Nr.	UNINA9910711167503321
Autore	Prasad Kuldeep R. <1964->
Titolo	Greenhouse gas emissions and dispersion : 3. reducing uncertainty in estimating source strength and location through plume inversion models // Kuldeep Prasad; Adam Pinar; Heming Hu; Israel Lopez-Coto; Dennis Ngo; James R. Whetstone
Pubbl/distr/stampa	Gaithersburg, MD : , : U.S. Dept. of Commerce, National Institute of Standards and Technology, , 2015
Descrizione fisica	1 online resource (28 pages) : illustrations (color)
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Altri autori (Persone)	HuHeming Lopez-CotoIsrael NgoDennis PinarAdam L WhetstoneJames R
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Sommario/riassunto	Recent development of accurate instruments for measuring greenhouse gas concentrations and the ability to mount them in ground-based vehicles has provided an opportunity to make temporally and spatially resolved measurements in the vicinity of suspected source locations, and for subsequently estimating the source location and strength.^The basic approach of using downwind atmospheric measurements in an inversion methodology to predict the source strength and location is an ill-posed problem and results in large uncertainty.^In this report, we present a new measurement methodology for reducing the uncertainty in predicting source strength from downwind measurements associated with inverse modeling.^In order to demonstrate the approach, an

inversion methodology built around a plume dispersion model is developed. Synthetic data derived from an assumed source distribution is used to compare and contrast the predicted source strength and location. The effect of introducing various levels of noise in the synthetic data or uncertainty in meteorological variables on the inversion methodology is studied. Results indicate that the use of noisy measurement data had a small effect on the total predicted source strength, but gave rise to several spurious sources (in many cases 8-10 sources were detected, while the assumed source distribution only consisted of 2 sources). Use of noisy measurement data for inversion also introduced large uncertainty in the location of the predicted sources. A mathematical model for estimating an upper bound on the uncertainty, and a bootstrap statistical approach for determining the variability in the predicted source distribution is demonstrated. The new measurement methodology, which involves using measurement data from two or more wind directions, combined together as part of a single inversion process is presented. Results of the bootstrap process indicated that the uncertainty in locating sources reduced significantly when measurements are made using the new proposed measurement approach. The proposed measurement system can be significant in determining emission inventories in urban domains at a high level of reliability, and for studying the role of remediation measures.
