

Figure S1: Plot of the difference in Pb concentration between GoFlo bottles 1 and 5 and their nearest respective bottles shows a wash-out effect.

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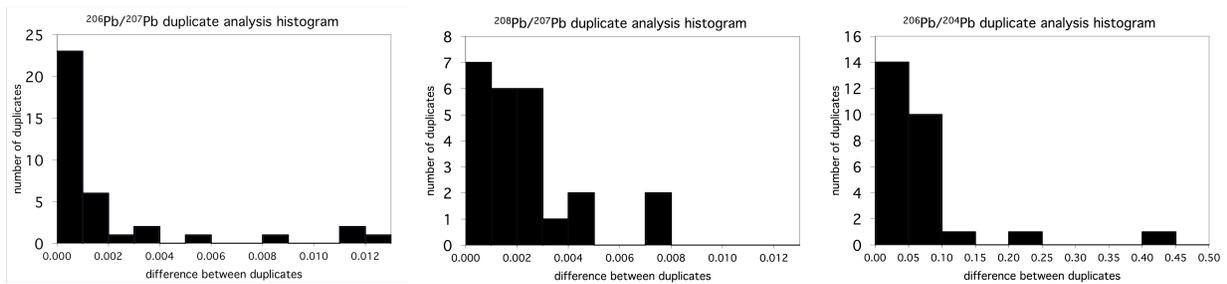


Figure S2: Replicate Pb isotope analyses: histogram of difference between duplicates.

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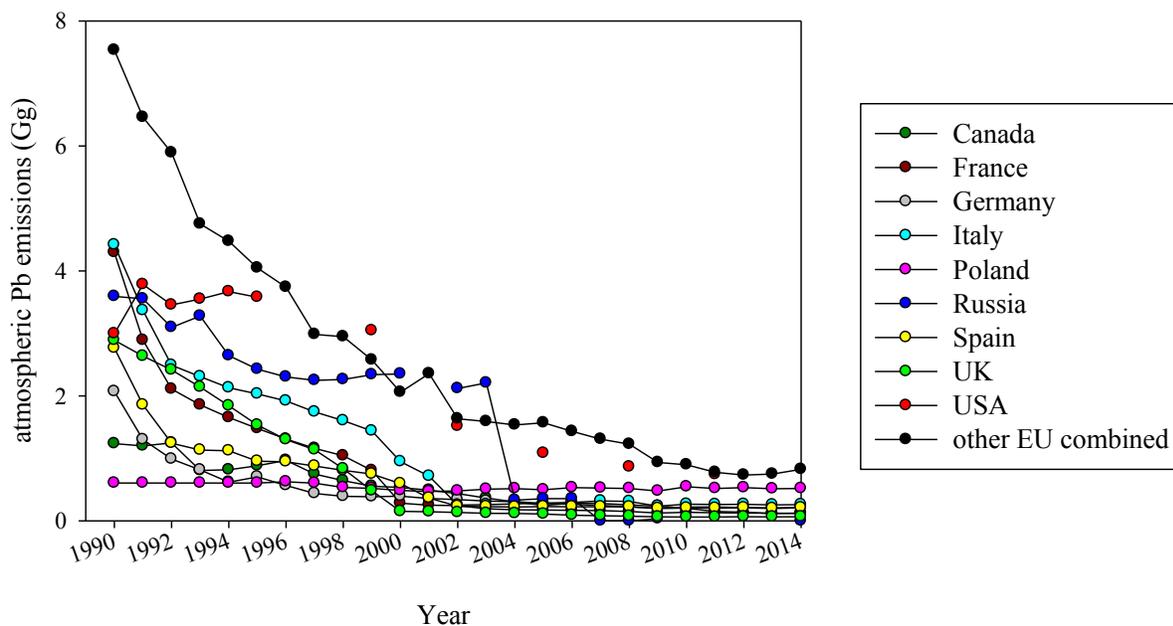


Figure S3: Atmospheric emissions by nation, 1990 – 2014 (EMEP, 2017). Other EU combined nations include: Albania, Armenia, Austria, Azerbaijan, Belarus, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Georgia, Greece, Hungary, Ireland, Kazakhstan, Kyrgyzstan, Latvia, Liechtenstein, Lithuania, Luxembourg, Malta, Monaco, Montenegro, Netherlands, Norway, Portugal Republic of Moldova, Romania, Serbia, Slovakia, Slovenia, Sweden, Switzerland, the former Yugoslav Republic of Macedonia, Turkey, and Ukraine.

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