The Chern-Schwartz-MacPherson (CSM) class of a variety $X$ is a class in the homology of $X$. In the case when $X$ is a compact manifold, it coincides with the total Chern class of the tangent bundle of $X$. Its existence was conjectured by Deligne and Grothendieck, and it was first constructed by MacPherson. One can associate a CSM class to any constructible subset of $X$, and I will explain how one calculates this class for a Schubert cell in a (generalized) flag manifold $G/P$. It turns out that these classes are closely related to characteristic cycles of Verma D-modules on the cotangent bundle of $G/P$, and to Maulik and Okounkov’s stable envelopes. This is based on joint work with P. Aluffi, and on ongoing joint work with P. Aluffi, J. Schürmann and C. Su.