

Input ex-situ data for assimilation  
from database or external source

```
> viewInfo() # view available  
parameters, sites, rockTypes  
>  
> exdata<- getData(param, site,  
rockType)  
>
```

```
> # measurements  
> exdata <- data.frame(val, site_id)  
> # moments, bounds etc.  
> exdata <- data.frame(val, site_id,  
type)  
>
```

Determine a range of values to  
evaluate the prior

```
> theta <- seq(from, to, by)  
>
```

Compute the ex-situ prior for the  
target site

```
> resExPrior <-  
genExPrior(exdata = exdata,  
theta = theta)  
>
```

(Optional) Visualize results

```
> plotExPrior(resExPrior )  
> plotHyperDist(resExPrior)  
>
```