Output environment variables in SLURM

The SLURM controller will set the following variables in the environment of the batch script.

Documentation for ouput environment variables in slurm

Most used are:

Variable	
SLURM_ARRAY_JOB_ID	Job array's master job ID number.
SLURM_JOB_ID	The ID of the job allocation.
SLURM_JOBID	New version for the ID of the job allocation
SLURM_JOB_DEPENDENCY	Set to value of the --dependency option
SLURM_JOB_NAME	Name of the job.
SLURM_JOB_NODELIST	List of nodes allocated to the job
SLURM_JOB_NUM_NODES	Total number of nodes in the job's resource allocation
SLURM_JOB_PARTITION	Name of the partition in which the job is running
SLURM_NODELIST	List of nodes allocated to the job
SLURM_SUBMIT_DIR	The directory from which sbatch was invoked