PolSARap_Agriculture_Decomposition.exe

Parameters:
```
 (string)   -id   input directory
 (string)   -od   output directory
 (string)   -iodf input-output data format
 (int)      -nwr  Nwin Row
 (int)      -nwc  Nwin Col
 (int)      -ofr  Offset Row
 (int)      -ofc  Offset Col
 (int)      -fnr  Final Number of Row
 (int)      -fnc  Final Number of Col
```

Optional Parameters:
```
 (string)   -mask mask file (valid pixels)
 (int)      -mem  Allocated memory for blocksize determination (in Mb)
 (string)   -errf memory error file
 (noarg)    -help displays this message
 (noarg)    -data displays the help concerning Data Format parameter
```

Usage:

Polarimetric Input-Output Data Format

```
 S2    input : quad-pol S2      output parameters derived from C3 or T3
 C3    input : covariance C3    output parameters derived from covariance
C3
 T3    input : coherency T3     output parameters derived from coherency
T3
```

PolSARap_Agriculture_Inversion_Dihedral.exe

Parameters:
```
 (string)   -ifd  input fd file
 (string)   -ial  input alpha file
 (string)   -itt  input theta file
 (string)   -imk  input mask file
 (string)   -od   output directory
 (int)      -un   Angle Unit (0: deg, 1: rad)
 (float)    -dis  max soil dielectric constant
 (float)    -dit  max trunk dielectric constant
 (int)      -inc  increment inc angle LUT
 (int)      -ofr  Offset Row
 (int)      -ofc  Offset Col
 (int)      -fnr  Final Number of Row
 (int)      -fnc  Final Number of Col
```

Optional Parameters:
```
 (string)   -iks  input ks file
```

```
 (string)   -mask mask file (valid pixels)
 (int)      -mem  Allocated memory for blocksize determination (in Mb)
 (string)   -errf memory error file
 (noarg)    -help displays this message
```

PolSARap_Agriculture_Inversion_Surface.exe

Parameters:

```
 (string)   -ifs  input fs file
 (string)   -ibe  input beta file
 (string)   -itt  input theta file
 (string)   -imk  input mask file
 (string)   -od   output directory
 (int)      -un   Angle Unit (0: deg, 1: rad)
 (float)    -die  max dielectric constant
 (int)      -inc  increment inc angle LUT
 (int)      -ofr  Offset Row
 (int)      -ofc  Offset Col
 (int)      -fnr  Final Number of Row
 (int)      -fnc  Final Number of Col
```

Optional Parameters:

```
 (string)   -mask mask file (valid pixels)
 (int)      -mem  Allocated memory for blocksize determination (in Mb)
 (string)   -errf memory error file
 (noarg)    -help displays this message
```

PolSARap_Cryosphere_Inversion.exe

Parameters:

```
 (string)   -ikz  input kz file
 (string)   -ico  input complex coherence file
 (string)   -itt  input theta file
 (string)   -isv  input surface to volume ratio file
 (string)   -od   output directory
 (string)   -ch   channel (HH, HV, VV)
 (int)      -un   Angle Unit (0: deg, 1: rad)
 (float)    -die  ice dielectric constant
 (float)    -thr  threshold
 (int)      -it   number of iteration
 (int)      -nw   Nwin Median filter
 (int)      -inc  Initial Number of Col
 (int)      -ofr  Offset Row
 (int)      -ofc  Offset Col
 (int)      -fnr  Final Number of Row
 (int)      -fnc  Final Number of Col
 (float)    -dr   range pixel spacing (if not : Dr = -1)
```

Optional Parameters:

```
 (string)   -snr  input snr coherence file
 (string)   -mask mask file (valid pixels)
 (int)      -mem  Allocated memory for blocksize determination (in Mb)
 (string)   -errf memory error file
 (noarg)    -help displays this message
```

PolSARap_Forest_Height_Estimation_Dual_Baseline.exe

Parameters:

```
 if iodf = S2T6
 (string)  -idm  input master directory
 (string)  -ids1 input slave-1 directory
 (string)  -ids2 input slave-2 directory
 if iodf = T6
 (string)  -id1  input master-slave-1 directory
 (string)  -id2  input master-slave-2 directory
 (string)  -od   output directory
 (string)  -iodf input-output data format
 (string)  -ikz1 input kz file
 (string)  -ikz2 input kz file
 (float)   -hmin minimal value of height
 (float)   -hmax maximal value of height
 (float)   -hnum height number of points
 (float)   -smin minimal value of sigma
 (float)   -smax maximal value of sigma
 (float)   -snum sigma number of points
 (int)     -nwr  Nwin Row
 (int)     -nwc  Nwin Col
 (int)     -ofr  Offset Row
 (int)     -ofc  Offset Col
 (int)     -fnr  Final Number of Row
 (int)     -fnc  Final Number of Col
```

Optional Parameters:

```
 (string)  -mask mask file (valid pixels)
 (int)     -mem  Allocated memory for blocksize determination (in Mb)
 (string)  -errf memory error file
 (noarg)   -help displays this message
 (noarg)   -data displays the help concerning Data Format parameter
```

Usage:

Polarimetric Input-Output Data Format

```
 S2T6       input : 2*quad-pol S2   output : coherency T6
 T6         input : coherency T6    output : coherency T6
```

PolSARap_Ocean.exe

Parameters:

```
 (string)  -id   input directory
 (string)  -od   output directory
 (string)  -td   tmp directory
 (string)  -iodf input-output data format
 (int)     -wrtr Nwin Row Training
 (int)     -wctr Nwin Col Training
 (int)     -wrte Nwin Row Test
 (int)     -wcte Nwin Col Test
```

```
 (int)     -ofr  Offset Row
 (int)     -ofc  Offset Col
 (int)     -fnr  Final Number of Row
 (int)     -fnc  Final Number of Col
 (float)   -thr  threshold
 (float)   -redr reduction ratio
```

Optional Parameters:

```
 (string)  -mask mask file (valid pixels)
 (int)     -mem  Allocated memory for blocksize determination (in Mb)
 (string)  -errf memory error file
 (noarg)   -help displays this message
 (noarg)   -data displays the help concerning Data Format parameter
```

Usage:

Polarimetric Input-Output Data Format

```
 S2C3       input : quad-pol S2     output : covariance C3
 S2C4       input : quad-pol S2     output : covariance C4
 S2T3       input : quad-pol S2     output : coherency T3
 S2T4       input : quad-pol S2     output : coherency T4
 C2         input : covariance C2   output : covariance C2
 C3         input : covariance C3   output : covariance C3
 C4         input : covariance C4   output : covariance C4
 T2         input : coherency T2    output : coherency T2
 T3         input : coherency T3    output : coherency T3
 T4         input : coherency T4    output : coherency T4
 SPP        input : dual-pol SPP    output : dual-pol SPP
```

PolSARap_Urban.exe

Parameters:

```
 (string)  -if   input complex coherence file
 (string)  -of   output file
 (int)     -fnr  Final Number of Row
 (int)     -fnc  Final Number of Col
```

Optional Parameters:

```
 (int)     -mem  Allocated memory for blocksize determination (in Mb)
 (string)  -errf memory error file
 (noarg)   -help displays this message
```