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Change Request #:	118
Assigned OGC Document #:	10-186
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Document Name/Version:	*WPS 2.0 Core Interface Specification / 2.0
OGC Project Document:	*xx-xxxx
If this is a revision of a previous submission and you have a Change Request Number, then check here: ☐ Enter the CR number here: Enter the Revision Number that you are revising here:	
Title: ?	*Add a new input Type StructuredData and a new output type StructuredOutput in the wps DescribeProcess Schema
Source: ?	*WPS 2.0 SWG
Work item code: ?	
Category: ?	* C (Functional modification of feature)

Reason for change: ⓘ	* In order to improve interoperability and also to facilitate automatic GUI generation by WPS clients , we recommend to introduce the notion of structured type in the list of WPS input and output of the WPS (Structured types will be more precisely specified then the ComplexData type).
Summary of change: ⓘ	* We are proposing to add a new type StructuredData in the InputFormChoice data structure and another new type StructuredOutput in the OutputFormChoice
Consequences if not approved: ⓘ	Providing complex input/output and keeping interoperability will remain very difficult. When using complex input, the parsing of the DescribeProcess result will not be sufficient for the client application to be able to use the WPS, the client application will need to parse the schema of the complex data as well, this introduce an extra level of complexity.
Clauses affected: ⓘ	* In the "WPS 2.0 Core Interface Specification document", modify the table Table 1 and Table 28 to add new elements (StructuredData and StructuredOutput) and add new tables describing the new types StructuredType and StructuredOutputType
Additional Documents affected: ⓘ	
Supporting Documentation: ⓘ	

Comments: 

Similar change request will need to be done for the WPS Execute operation

Status: 

Assigned

Assigned To: 

WPS 2.0 SWG

Disposition: 

Referred and Posted