

**PRODUCT GROUPS FOR ALOS K&C WETLANDS THEME**  
**KC#5, 18 November 2003**

**GROUP I: GLOBAL WETLAND EXTENT AND PROPERTIES**

**GROUP II: SEASONAL MONITORING OF MAJOR WETLAND REGIONS**

**GROUP III: MAPPING & MONITORING OF MAJOR WETLAND  
FUNCTIONAL TYPES**

**GROUP IV: PRODUCT DISSEMINATION**

**PRODUCTS SUMMARY FOR ALOS K&C WETLANDS THEME**  
**KC#5, 18 November 2003**

Black: operational products

Blue: research products

**GROUP I: GLOBAL WETLAND EXTENT AND PROPERTIES**

**Product Leaders  
and Developers**

**1 Tropical wetland extent**

**L. Hess**

- 1.1 Wetland extent, northern South American basins
- 1.2 Wetland extent, southern South American basins
- 1.3 Wetland extent, Southeast Asia
- 1.4 Wetland extent, insular Southeast Asia, Malaysia & PNG
- 1.5 Wetland extent, Northern Australia
- 1.6 Wetland extent, Middle America
- 1.7 Wetland extent, tropical and sub-tropical Africa
- 1.8 Wetland extent, South Asia
- 1.9 Wetland extent, Northern Africa and Middle East

L. Hess

M. Costa

A. K. Milne

D. Hoekman

A. K. Milne

**2 Boreal wetland extent**

**K. McDonald**

- 2.1 Wetland extent, boreal North America
- 2.2 Wetland extent, boreal Eurasia

K. McDonald (& M.  
Moghaddam)

K. McDonald (& Reiner  
Zimmerman)

**3 Temperate wetland extent**

**L. Hess**

- 3.1 Wetland extent, temperate South America
- 3.2 Wetland extent, temperate Asia
- 3.3 Wetland extent, temperate Australia - New Zealand
- 3.4 Wetland extent, temperate and sub-tropical North America
- 3.5 Wetland extent, temperate and sub-tropical Europe

L. Hess

**4 Tropical wetland inundation and vegetation**

**L. Hess**

- Wetland inundation and vegetation, northern South America
- 4.1 basins
- Wetland inundation and vegetation, southern South America
- 4.2 basins
- 4.3 Wetland inundation and vegetation, mainland Southeast Asia
- 4.4 Wetland inundation and vegetation, insular SE Asia, Malaysia & PNG
- 4.5 Wetland inundation and vegetation, northern Australia
- 4.6 Wetland inundation and vegetation, Middle America

L. Hess

M. Costa

A. K. Milne

D. Hoekman

A. K. Milne

- |          |   |                                  |
|----------|---|----------------------------------|
| 4.7      | Wetland inundation and vegetation, tropical and sub-tropical Africa       |                                  |
| 4.8      | Wetland inundation and vegetation, South Asia                             |                                  |
| 4.9      | Wetland inundation and vegetation, Northern Africa and Middle East        |                                  |
| <b>5</b> | <b>Boreal wetland inundation and vegetation</b>                           | <b>K. McDonald</b>               |
| 5.1      | Wetland inundation and vegetation, boreal North America                   | K. McDonald (& M. Moghaddam)     |
| 5.2      | Wetland inundation and vegetation, boreal Eurasia                         | K. McDonald (& Reiner Zimmerman) |
| <b>6</b> | <b>Temperate wetland inundation and vegetation</b>                        | <b>L. Hess</b>                   |
| 6.1      | Wetland inundation and vegetation, temperate South America                |                                  |
| 6.2      | Wetland inundation and vegetation, temperate Asia                         |                                  |
| 6.3      | Wetland inundation and vegetation, temperate Australia - New Zealand      |                                  |
| 6.4      | Wetland inundation and vegetation, temperate & sub-tropical North America |                                  |
| 6.5      | Wetland inundation and vegetation, temperate and subtropical Europe       |                                  |

## **GROUP II: SEASONAL MONITORING OF MAJOR WETLAND REGIONS**

- |          |   |   |
|----------|---|---|
| <b>7</b> | <b>Boreal freeze- thaw state</b>                                    | <b>K. McDonald (&amp; M. Hallikainen)</b> |
| 7.1      | Boreal freeze-thaw state, North America                             | K. McDonald (& M. Hallikainen)            |
| 7.2      | Boreal freeze-thaw state, Eurasia                                   | K. McDonald (& M. Hallikainen)            |
| <b>8</b> | <b>Seasonal monitoring of major tropical/sub- tropical wetlands</b> | <b>L. Hess</b>                            |
| 8.1      | Mekong  | A. K. Milne                               |
| 8.2      | Insular Southeast Asia, Malaysia, and PNG                           | D. Hoekman                                |
| 8.3      | Northern Australia  | A. K. Milne                               |
| 8.4      | Central Amazon  | L. Hess                                   |
| 8.5      | Upper Negro   | L. Hess                                   |
| 8.6      | Pantanal  | M. Costa                                  |
| 8.7      | Orinoco   | L. Hess                                   |
| 8.8      | Bolivian Llanos   |   |
| 8.9      | Bananal   | L. Hess                                   |
| 8.10     | Ucamara (Peru)  | L. Hess                                   |
| 8.11     | Magdalena (Colombia)  |   |
| 8.12     | Southeastern U.S.   | L. Hess                                   |
| 8.13     | Zapata (Cuba)   |   |

|           |  |                              |
|-----------|--|------------------------------|
| 8.14      | Tabasco (Mexico)                                       |                              |
| 8.15      | Okavango   |                              |
| 8.16      | Congo  |                              |
| 8.17      | Niger  |                              |
| 8.18      | Senegal  |                              |
| 8.19      | Mozambique   |                              |
| 8.20      | Indian site  |                              |
| <b>9</b>  | <b>Seasonal monitoring of major boreal wetlands</b>    | <b>K. McDonald</b>           |
| 9.1       | Alaska   | K. McDonald (& M. Moghaddam) |
| 9.2       | Extended BOREAS  | K. McDonald (& M. Moghaddam) |
| 9.3       | Hudson Bay lowland                                     | K. McDonald (& M. Moghaddam) |
| 9.4       | West-central Siberia                                   |                              |
| 9.5       | Ob and Lena deltas                                     |                              |
| 9.6       | Finland  | M. Hallikainen               |
| <b>10</b> | <b>Seasonal monitoring of major temperate wetlands</b> | <b>L. Hess</b>               |
| 10.1      | Parana & De la Plata                                   |                              |
| 10.2      | Pripet-Biebrza   |                              |
| 10.3      | Western Europe   |                              |
| 10.4      | U. S. Mid-Atlantic                                     |                              |
| 10.5      | Bolivian Altiplano                                     |                              |
| 10.6      | Murray-Darling   |                              |
| 10.7      | Volga delta  |                              |
| 10.8      | Aral Sea   |                              |
| 10.9      | Tigris   |                              |
| 10.10     | Amur   |                              |
| 10.11     | Chinese site   |                              |
| 10.12     | Tibet  |                              |
| 10.13     | Northern U.S.  |                              |

### **GROUP III: MAPPING & MONITORING OF MAJOR WETLAND FUNCTIONAL TYPES**

|           |   |                   |
|-----------|---|-------------------|
| <b>11</b> | <b>Mapping of global mangrove extent and properties</b>     | <b>R. Lucas</b>   |
| 11.1      | Studies of prototype sites                                  | R. Lucas          |
| 11.2      | Mangrove extent, mid-1990s                                  | R. Lucas          |
| 11.3      | Mangrove extent, mid-2000s                                  | R. Lucas          |
| 11.4      | Change in mangrove extent, mid-1990s to mid-2000s           | R. Lucas          |
| 11.5      | Mangrove attributes   | R. Lucas          |
| <b>12</b> | <b>Mapping of tropical peatlands extent and properties</b>  | <b>D. Hoekman</b> |
| 12.1      | Peatland extent and vegetation type, Indonesia/PNG/Malaysia | D. Hoekman        |

|           |   |                                    |
|-----------|---|------------------------------------|
| 12.2      | Peatland extent and vegetation type, Amazon and Africa                          | D. Hoekman                         |
| 12.3      | Peatland inundation characteristics, Indonesia/PNG/Malaysia                     | D. Hoekman                         |
| 12.4      | Peatland inundation characteristics, Amazon and Africa                          | D. Hoekman                         |
| 12.5      | Peatland disturbance, Indonesia/PNG/Malaysia                                    | D. Hoekman                         |
| 12.6      | Peatland disturbance, Amazon and Africa   | D. Hoekman                         |
| 12.7      | Peat depth, Indonesia/PNG/Malaysia  | D. Hoekman                         |
| 12.8      | Peat depth, Amazon and Africa   | D. Hoekman                         |
| <b>13</b> | <b>Pan-Asian mapping and monitoring of rice paddies</b>                         | <b>W. Salas (&amp; T. Le Toan)</b> |
|           | Mapping of rice paddy extent for China & Vietnam prototype areas                |                                    |
| 13.1      | areas   | W. Salas (& T. Le Toan)            |
| 13.2      | Pan-Asian mapping of rice paddy extent  | W. Salas (& T. Le Toan)            |
| 13.3      | Mapping of rice cropping systems for China & Vietnam prototype areas            | W. Salas (& T. Le Toan)            |
| 13.4      | Pan-Asian mapping of rice cropping systems                                      | W. Salas (& T. Le Toan)            |
| 13.5      | Mapping of rice paddy inundation period for China & Vietnam prototype areas     | W. Salas (& T. Le Toan)            |
| 13.6      | Pan-Asian mapping of rice paddy inundation period                               | W. Salas (& T. Le Toan)            |
| 13.7      | Mapping of rice biophysical characteristics for China & Vietnam prototype areas | W. Salas (& T. Le Toan)            |
| 13.8      | Pan-Asian mapping of rice biophysical characteristics                           | W. Salas (& T. Le Toan)            |
| 13.9      | Mapping of rice paddy intermittent drainage for China prototype area            | W. Salas (& T. Le Toan)            |
| 13.10     | Pan-Asian mapping of rice paddy intermittent drainage                           | W. Salas (& T. Le Toan)            |
| <b>14</b> | <b>Global Lakes Census</b>  | <b>K. Telmer (&amp; M. Costa)</b>  |
| 14.1      | Lakes census for boreal prototype areas   | K. Telmer (& M. Costa)             |
| 14.2      | Lakes census for tropical prototype areas                                       | K. Telmer (& M. Costa)             |
| 14.3      | Global lakes mapping  | K. Telmer (& M. Costa)             |
| 14.4      | Global lakes spatial analysis   | K. Telmer (& M. Costa)             |

#### **GROUP IV: Product Dissemination**

|           |  |                 |
|-----------|--|-----------------|
| <b>15</b> | <b>Wetlands Product Dissemination Plan</b>                                 | <b>J. Lowry</b> |
| 15.1      | Plan for disseminating K&C wetlands products to Ramsar contracting parties | J. Lowry        |