

Leyenda

- Limite de Cuenca
- Pp -anual (mm / año)

ESTUDIO PREPARATORIO SOBRE EL PROGRAMA DE PROTECCIÓN DE VALLES Y POBLACIONES RURALES Y VULNERABLES ANTE INUNDACIONES

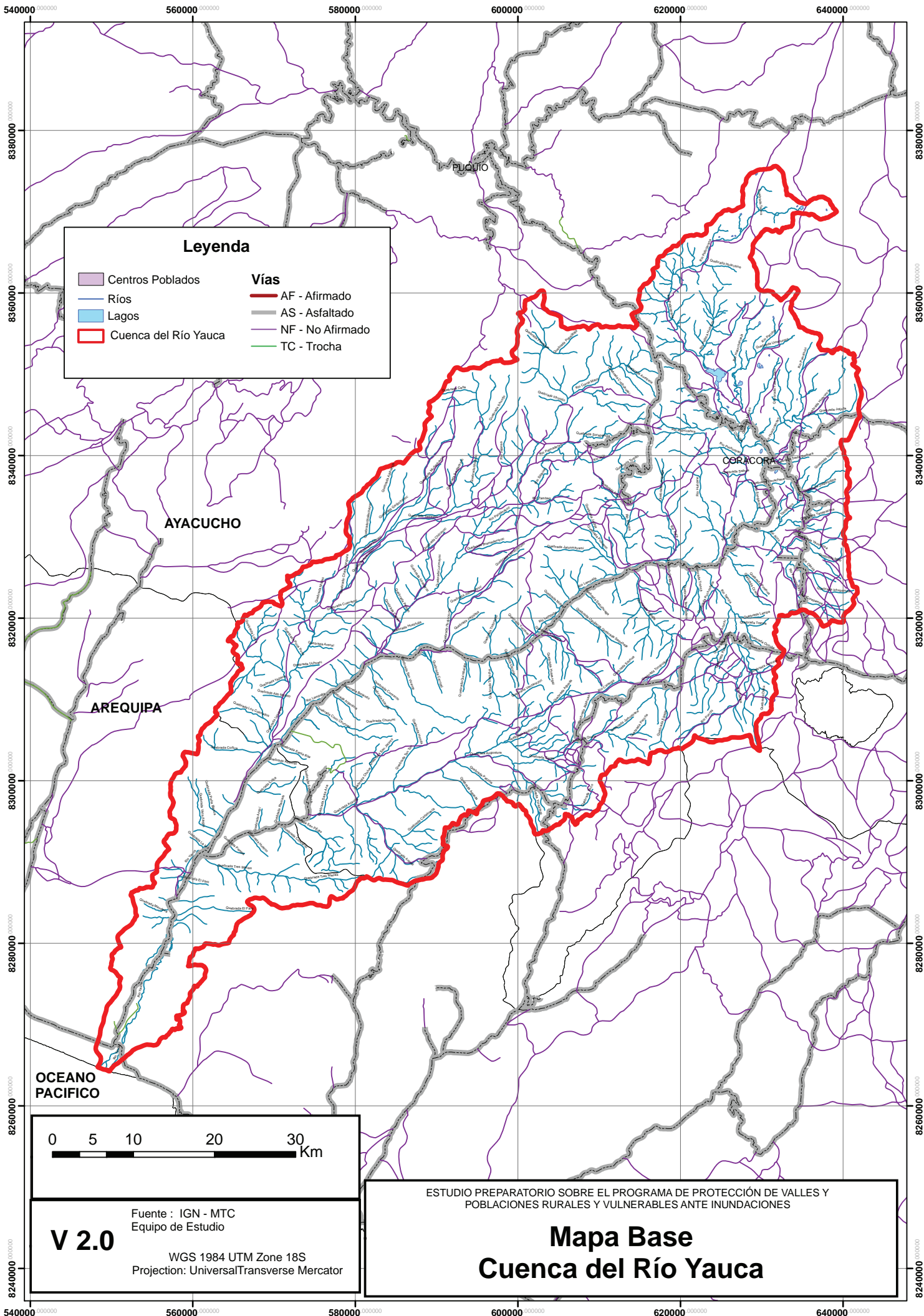
Precipitación anual - Cuenca del Ríó Pisco

V 3.0

Fuente: SENAMHI 65-74
WGS 1984 UTM Zone 18S
Projection: Universal Transverse Mercator

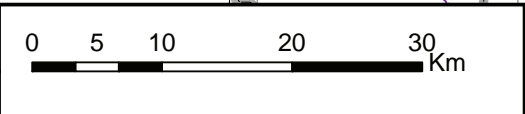
0 3 6 12 18 24 Km

Escala : 1 : 400,000



Leyenda

| | |
|----------------------|------------------|
| Centros Poblados | Vías |
| Ríos | AF - Afirmado |
| Lagos | AS - Asfaltado |
| Cuenca del Río Yauca | NF - No Afirmado |
| | TC - Trocha |



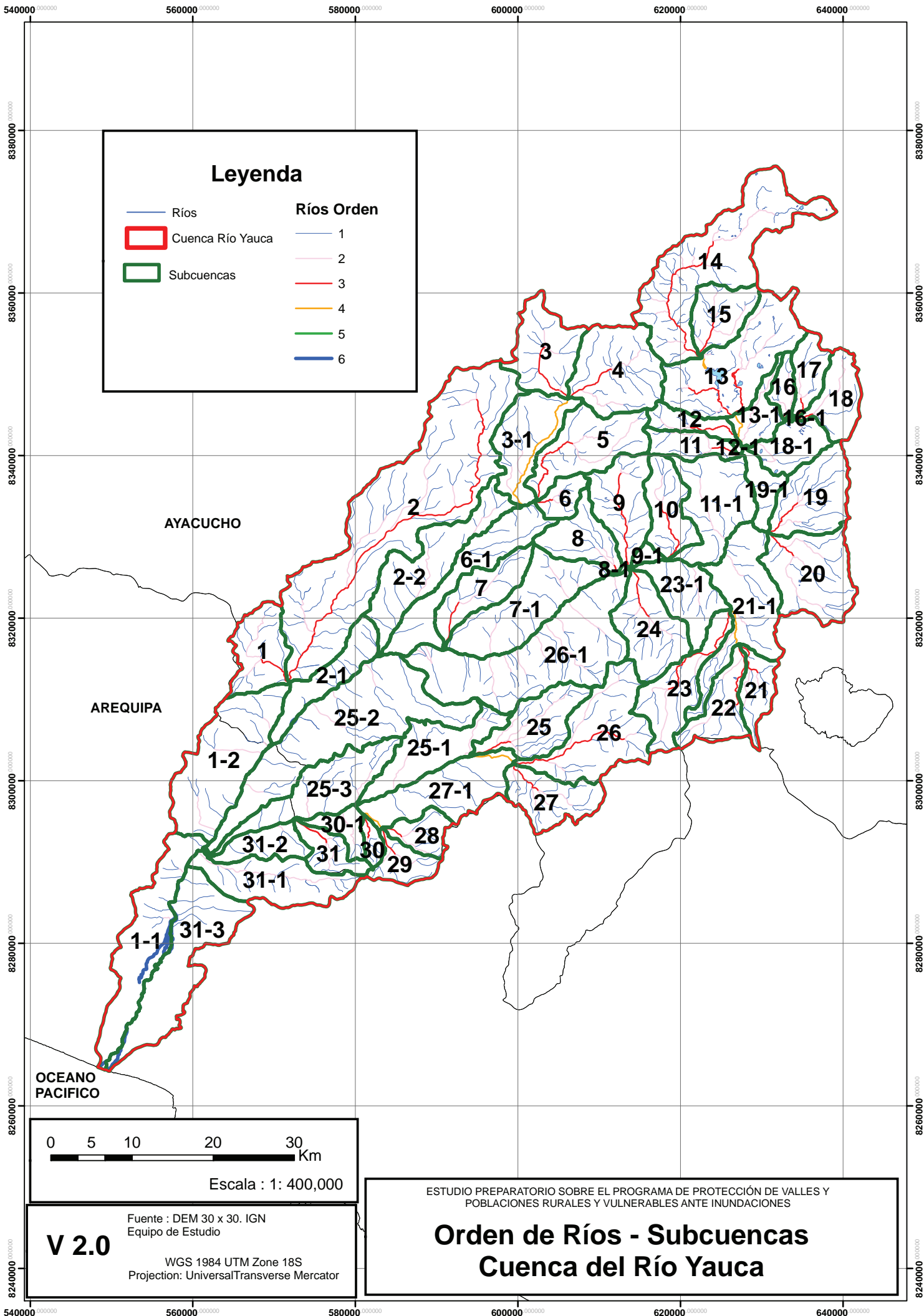
V 2.0

Fuente : IGN - MTC
Equipo de Estudio

WGS 1984 UTM Zone 18S
Projection: UniversalTransverse Mercator

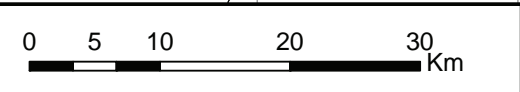
ESTUDIO PREPARATORIO SOBRE EL PROGRAMA DE PROTECCIÓN DE VALLES Y POBLACIONES RURALES Y VULNERABLES ANTE INUNDACIONES

Mapa Base
Cuenca del Río Yauca



Leyenda

| | |
|--|--|
| <ul style="list-style-type: none"> — Ríos Cuenca Río Yauca Subcuencas | <h4 style="text-align: center;">Ríos Orden</h4> <ul style="list-style-type: none"> — 1 — 2 — 3 — 4 — 5 — 6 |
|--|--|



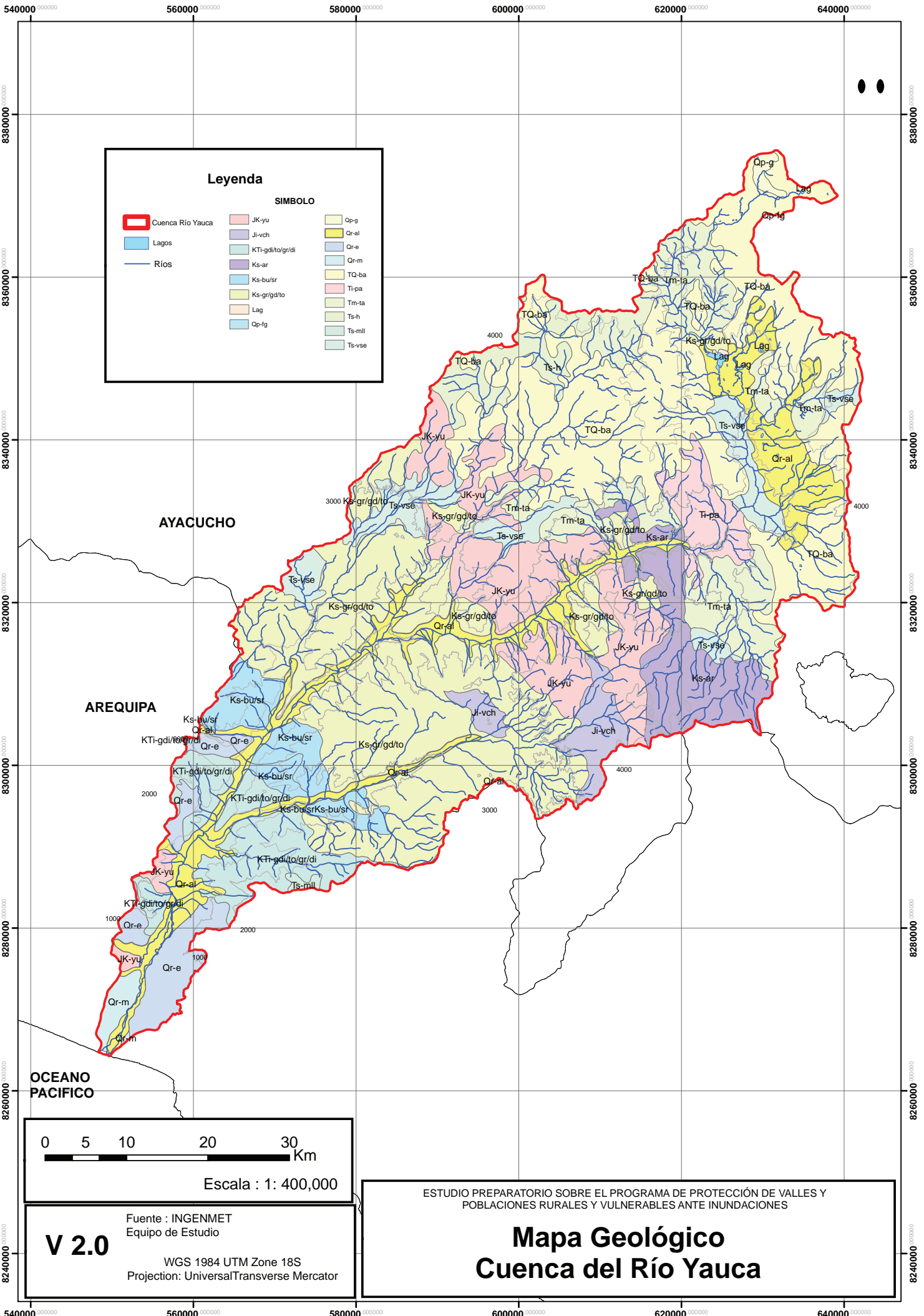
V 2.0

Fuente : DEM 30 x 30. IGN
Equipo de Estudio

WGS 1984 UTM Zone 18S
Projection: Universal Transverse Mercator

ESTUDIO PREPARATORIO SOBRE EL PROGRAMA DE PROTECCIÓN DE VALLES Y POBLACIONES RURALES Y VULNERABLES ANTE INUNDACIONES

Orden de Ríos - Subcuencas Cuenca del Río Yauca



Leyenda

| SIMBOLO | | | |
|---------|------------------|--|--------|
| | Cuenca Río Yauca | | Qp-g |
| | Lagos | | Qr-al |
| | Ríos | | Qr-e |
| | JK-yu | | Qr-m |
| | Ji-vch | | TQ-ba |
| | KTI-gdi/to/gr/di | | Ti-pa |
| | Ks-ar | | Tm-ta |
| | Ks-bu/sr | | Ts-h |
| | Ks-gr/gd/to | | Ts-mll |
| | Lag | | Ts-vse |
| | Qp-fg | | |

AYACUCHO

AREQUIPA

OCEANO PACIFICO

0 5 10 20 30 Km

Escala : 1: 400,000

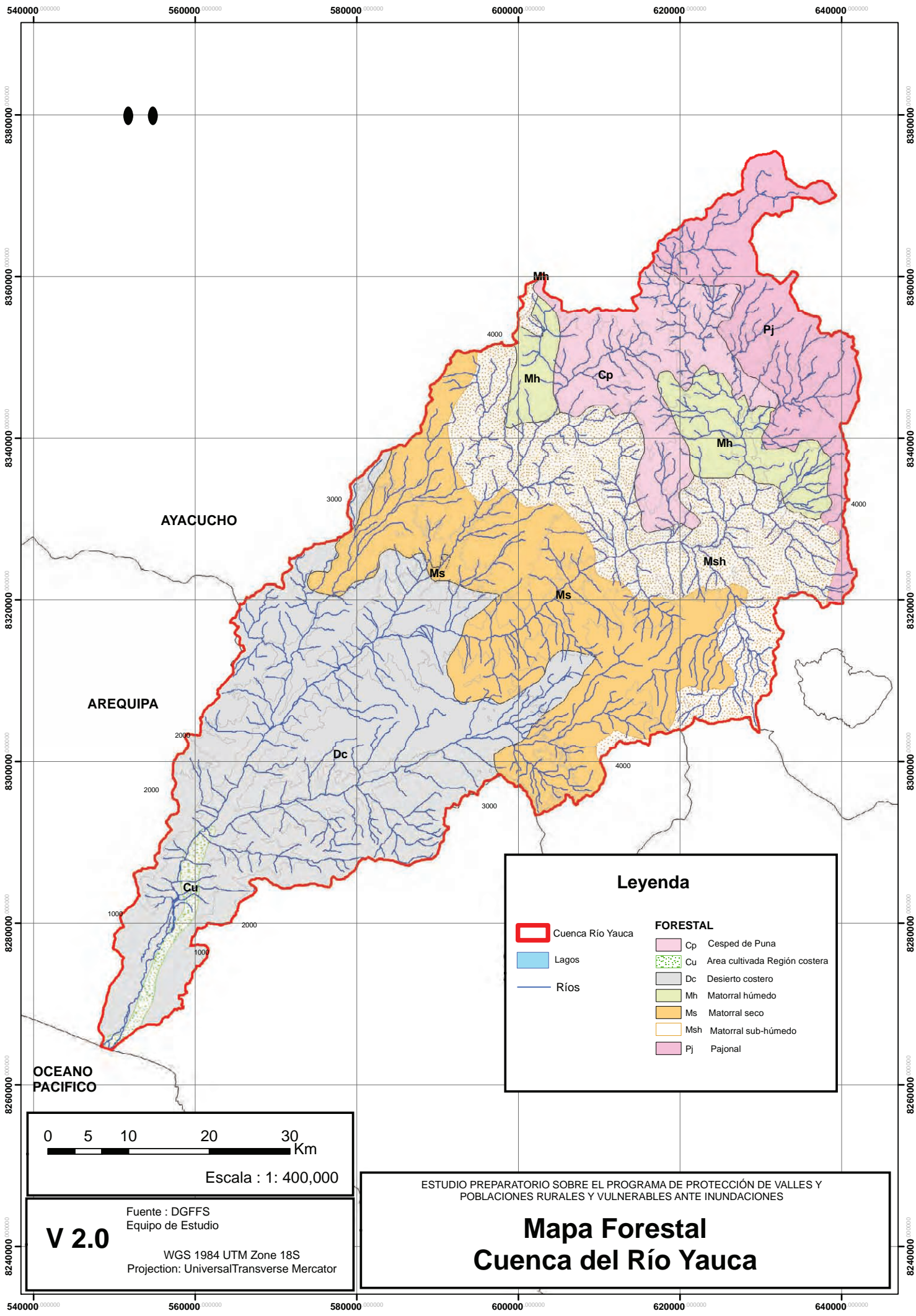
V 2.0

Fuente : INGENMET
Equipo de Estudio










WGS 1984 UTM Zone 18S
Projection: UniversalTransverse Mercator

ESTUDIO PREPARATORIO SOBRE EL PROGRAMA DE PROTECCIÓN DE VALLES Y POBLACIONES RURALES Y VULNERABLES ANTE INUNDACIONES

Mapa Geológico
Cuenca del Río Yauca



Leyenda

| | | | |
|---|------------------|---|----------------------------------|
|  | Cuenca Río Yauca | FORESTAL | |
|  | Lagos |  | Cp Césped de Puna |
|  | Ríos |  | Cu Area cultivada Región costera |
| | |  | Dc Desierto costero |
| | |  | Mh Matorral húmedo |
| | |  | Ms Matorral seco |
| | |  | Msh Matorral sub-húmedo |
| | |  | Pj Pajonal |

0 5 10 20 30 Km

Escala : 1: 400,000

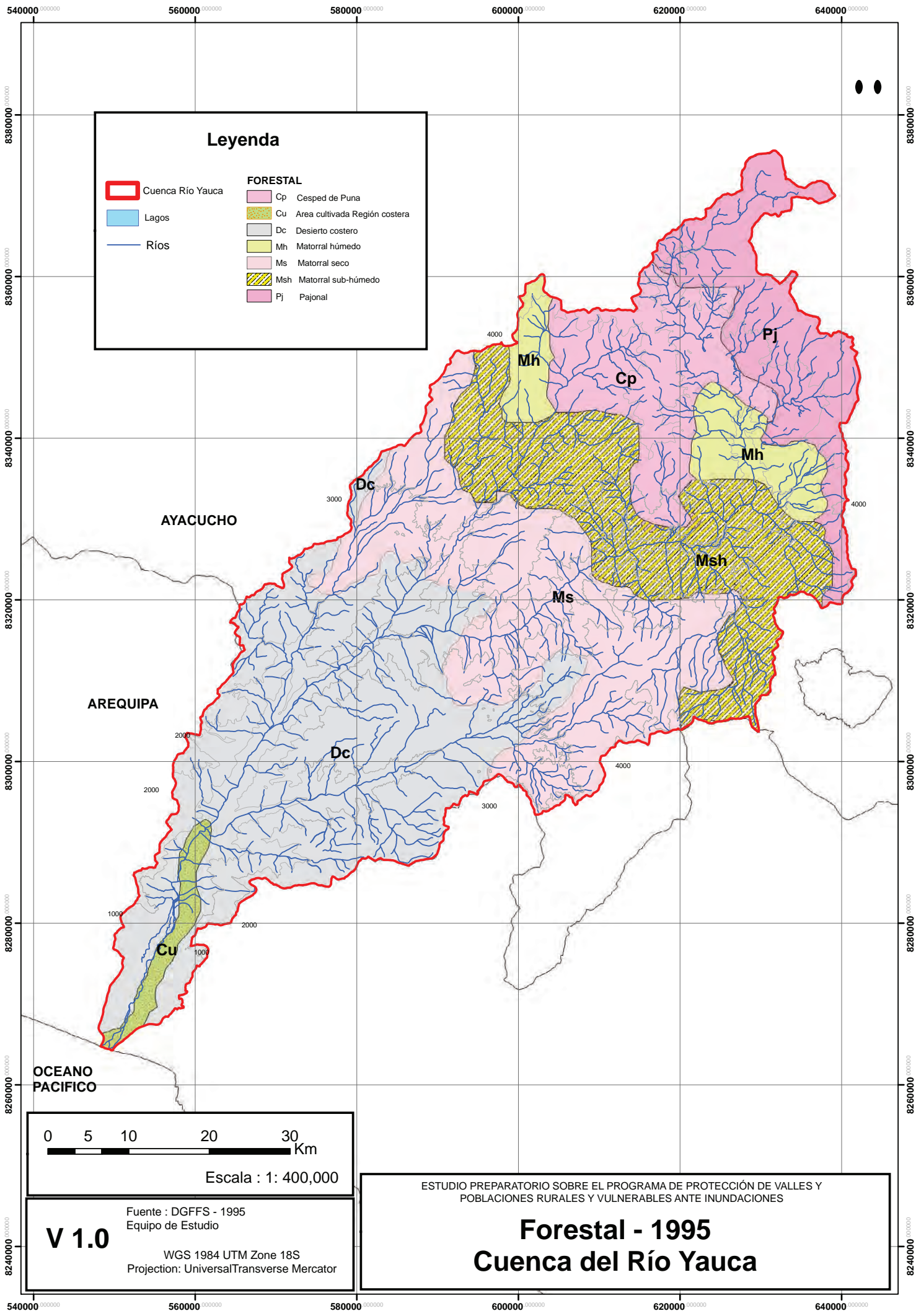
V 2.0

Fuente : DGFFS
Equipo de Estudio

WGS 1984 UTM Zone 18S
Projection: UniversalTransverse Mercator

ESTUDIO PREPARATORIO SOBRE EL PROGRAMA DE PROTECCIÓN DE VALLES Y POBLACIONES RURALES Y VULNERABLES ANTE INUNDACIONES

Mapa Forestal Cuenca del Río Yauca



Leyenda

| | |
|---|---|
| Cuenca Río Yauca | FORESTAL |
| Lagos | Cp Césped de Puna |
| — Ríos | Cu Area cultivada Región costera |
| | Dc Desierto costero |
| | Mh Matorral húmedo |
| | Ms Matorral seco |
| | Msh Matorral sub-húmedo |
| | Pj Pajonal |

0 5 10 20 30 Km

Escala : 1: 400,000

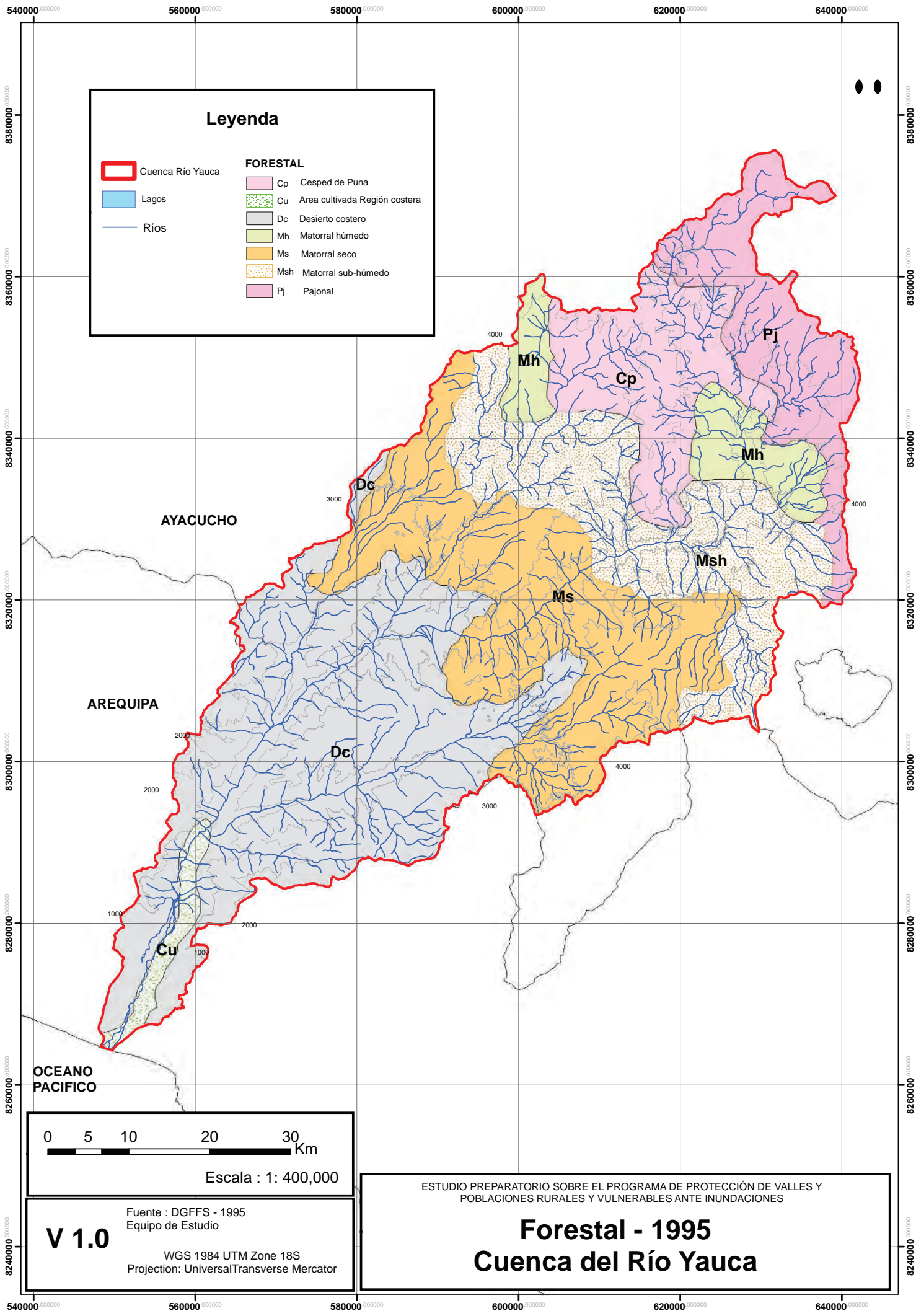
V 1.0

Fuente : DGFFS - 1995
Equipo de Estudio

WGS 1984 UTM Zone 18S
Projection: UniversalTransverse Mercator

ESTUDIO PREPARATORIO SOBRE EL PROGRAMA DE PROTECCIÓN DE VALLES Y
POBLACIONES RURALES Y VULNERABLES ANTE INUNDACIONES

Forestal - 1995
Cuenca del Río Yauca

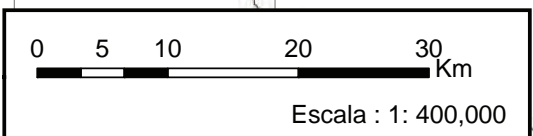


Leyenda

- Cuenca Río Yauca
- Lagos
- Ríos

FORESTAL

- Cp Cesped de Puna
- Cu Area cultivada Región costera
- Dc Desierto costero
- Mh Matorral húmedo
- Ms Matorral seco
- Msh Matorral sub-húmedo
- Pj Pajonal



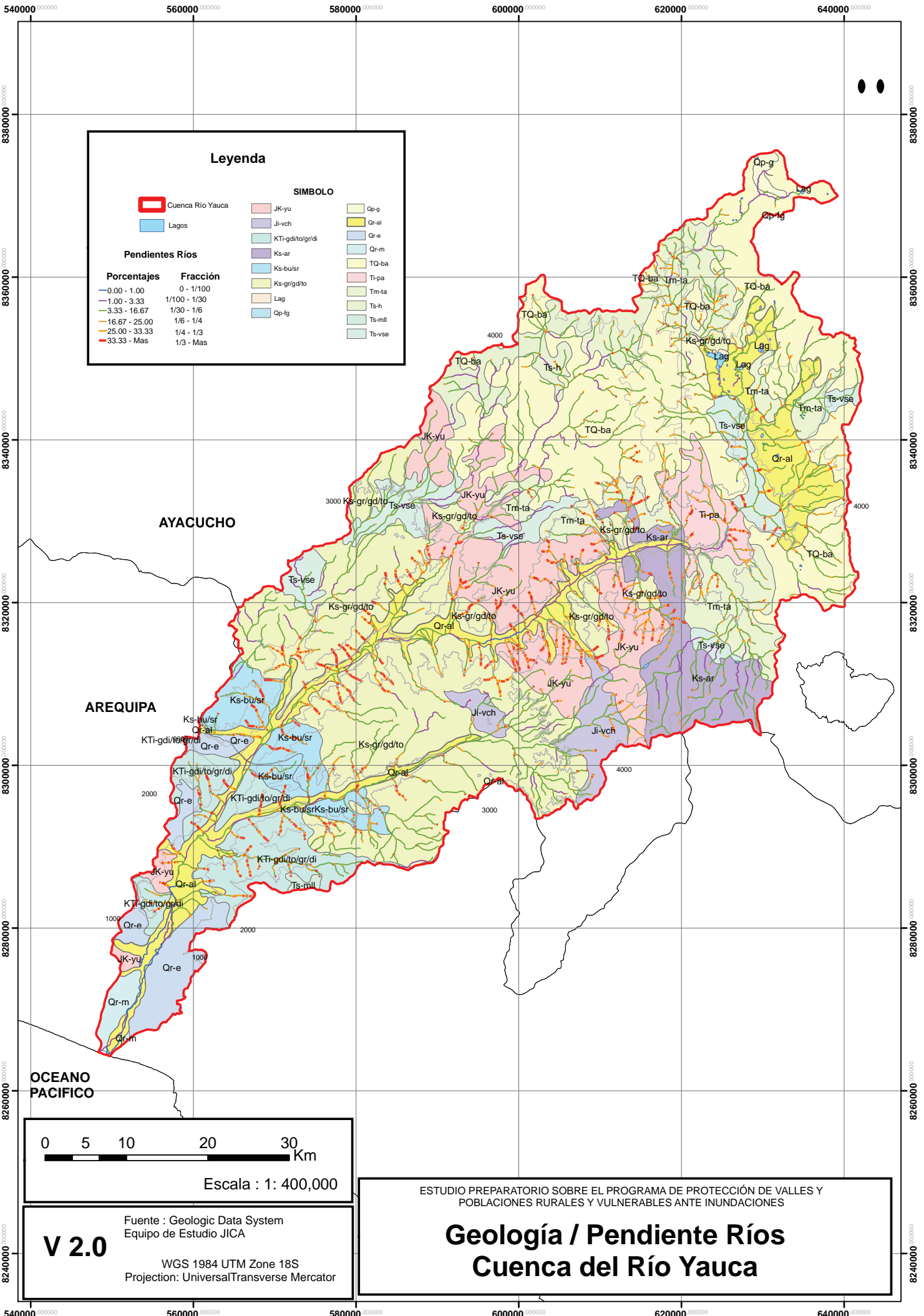
V 1.0

Fuente : DGFFS - 1995
Equipo de Estudio

WGS 1984 UTM Zone 18S
Projection: UniversalTransverse Mercator

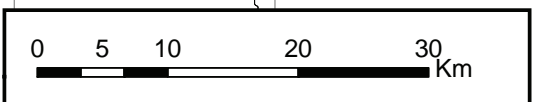
ESTUDIO PREPARATORIO SOBRE EL PROGRAMA DE PROTECCIÓN DE VALLES Y POBLACIONES RURALES Y VULNERABLES ANTE INUNDACIONES

Forestal - 1995
Cuenca del Río Yauca



Leyenda

| <p> Cuenca Río Yauca</p> <p> Lagos</p> <p>Pendientes Ríos</p> <table border="0" style="font-size: small;"> <thead> <tr> <th>Porcentajes</th> <th>Fracción</th> </tr> </thead> <tbody> <tr> <td style="color: blue;">— 0.00 - 1.00</td> <td>0 - 1/100</td> </tr> <tr> <td style="color: purple;">— 1.00 - 3.33</td> <td>1/100 - 1/30</td> </tr> <tr> <td style="color: green;">— 3.33 - 16.67</td> <td>1/30 - 1/6</td> </tr> <tr> <td style="color: orange;">— 16.67 - 25.00</td> <td>1/6 - 1/4</td> </tr> <tr> <td style="color: yellow;">— 25.00 - 33.33</td> <td>1/4 - 1/3</td> </tr> <tr> <td style="color: red;">— 33.33 - Mas</td> <td>1/3 - Mas</td> </tr> </tbody> </table> | Porcentajes | Fracción | — 0.00 - 1.00 | 0 - 1/100 | — 1.00 - 3.33 | 1/100 - 1/30 | — 3.33 - 16.67 | 1/30 - 1/6 | — 16.67 - 25.00 | 1/6 - 1/4 | — 25.00 - 33.33 | 1/4 - 1/3 | — 33.33 - Mas | 1/3 - Mas | <p>SIMBOLO</p> <table border="0" style="font-size: small;"> <tr> <td style="background-color: #f08080; width: 15px; height: 10px; display: inline-block; margin-right: 5px;"></td> <td>JK-yu</td> <td style="background-color: #ffff00; width: 15px; height: 10px; display: inline-block; margin-right: 5px;"></td> <td>Qp-g</td> </tr> <tr> <td style="background-color: #9370db; width: 15px; height: 10px; display: inline-block; margin-right: 5px;"></td> <td>Ji-vch</td> <td style="background-color: #90ee90; width: 15px; height: 10px; display: inline-block; margin-right: 5px;"></td> <td>Qr-al</td> </tr> <tr> <td style="background-color: #c0c0c0; width: 15px; height: 10px; display: inline-block; margin-right: 5px;"></td> <td>KTI-gd/to/gr/di</td> <td style="background-color: #add8e6; width: 15px; height: 10px; display: inline-block; margin-right: 5px;"></td> <td>Qr-e</td> </tr> <tr> <td style="background-color: #800080; width: 15px; height: 10px; display: inline-block; margin-right: 5px;"></td> <td>Ks-ar</td> <td style="background-color: #d3d3d3; width: 15px; height: 10px; display: inline-block; margin-right: 5px;"></td> <td>Qr-m</td> </tr> <tr> <td style="background-color: #6495ed; width: 15px; height: 10px; display: inline-block; margin-right: 5px;"></td> <td>Ks-bu/sr</td> <td style="background-color: #fff2cc; width: 15px; height: 10px; display: inline-block; margin-right: 5px;"></td> <td>TQ-ba</td> </tr> <tr> <td style="background-color: #d4edda; width: 15px; height: 10px; display: inline-block; margin-right: 5px;"></td> <td>Ks-gr/gd/to</td> <td style="background-color: #f08080; width: 15px; height: 10px; display: inline-block; margin-right: 5px;"></td> <td>Ti-pa</td> </tr> <tr> <td style="background-color: #fff3cd; width: 15px; height: 10px; display: inline-block; margin-right: 5px;"></td> <td>Lag</td> <td style="background-color: #d3d3d3; width: 15px; height: 10px; display: inline-block; margin-right: 5px;"></td> <td>Tm-ta</td> </tr> <tr> <td style="background-color: #add8e6; width: 15px; height: 10px; display: inline-block; margin-right: 5px;"></td> <td>Qp-ig</td> <td style="background-color: #c0c0c0; width: 15px; height: 10px; display: inline-block; margin-right: 5px;"></td> <td>Ts-h</td> </tr> <tr> <td></td> <td></td> <td style="background-color: #c0c0c0; width: 15px; height: 10px; display: inline-block; margin-right: 5px;"></td> <td>Ts-mil</td> </tr> <tr> <td></td> <td></td> <td style="background-color: #c0c0c0; width: 15px; height: 10px; display: inline-block; margin-right: 5px;"></td> <td>Ts-vse</td> </tr> </table> | | JK-yu | | Qp-g | | Ji-vch | | Qr-al | | KTI-gd/to/gr/di | | Qr-e | | Ks-ar | | Qr-m | | Ks-bu/sr | | TQ-ba | | Ks-gr/gd/to | | Ti-pa | | Lag | | Tm-ta | | Qp-ig | | Ts-h | | | | Ts-mil | | | | Ts-vse |
|---|-----------------|----------|---------------|-----------|---------------|--------------|----------------|------------|-----------------|-----------|-----------------|-----------|---------------|-----------|---|--|-------|--|------|--|--------|--|-------|--|-----------------|--|------|--|-------|--|------|--|----------|--|-------|--|-------------|--|-------|--|-----|--|-------|--|-------|--|------|--|--|--|--------|--|--|--|--------|
| Porcentajes | Fracción | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| — 0.00 - 1.00 | 0 - 1/100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| — 1.00 - 3.33 | 1/100 - 1/30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| — 3.33 - 16.67 | 1/30 - 1/6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| — 16.67 - 25.00 | 1/6 - 1/4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| — 25.00 - 33.33 | 1/4 - 1/3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| — 33.33 - Mas | 1/3 - Mas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | JK-yu | | Qp-g | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Ji-vch | | Qr-al | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | KTI-gd/to/gr/di | | Qr-e | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Ks-ar | | Qr-m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Ks-bu/sr | | TQ-ba | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Ks-gr/gd/to | | Ti-pa | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Lag | | Tm-ta | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Qp-ig | | Ts-h | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | Ts-mil | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | Ts-vse | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



V 2.0

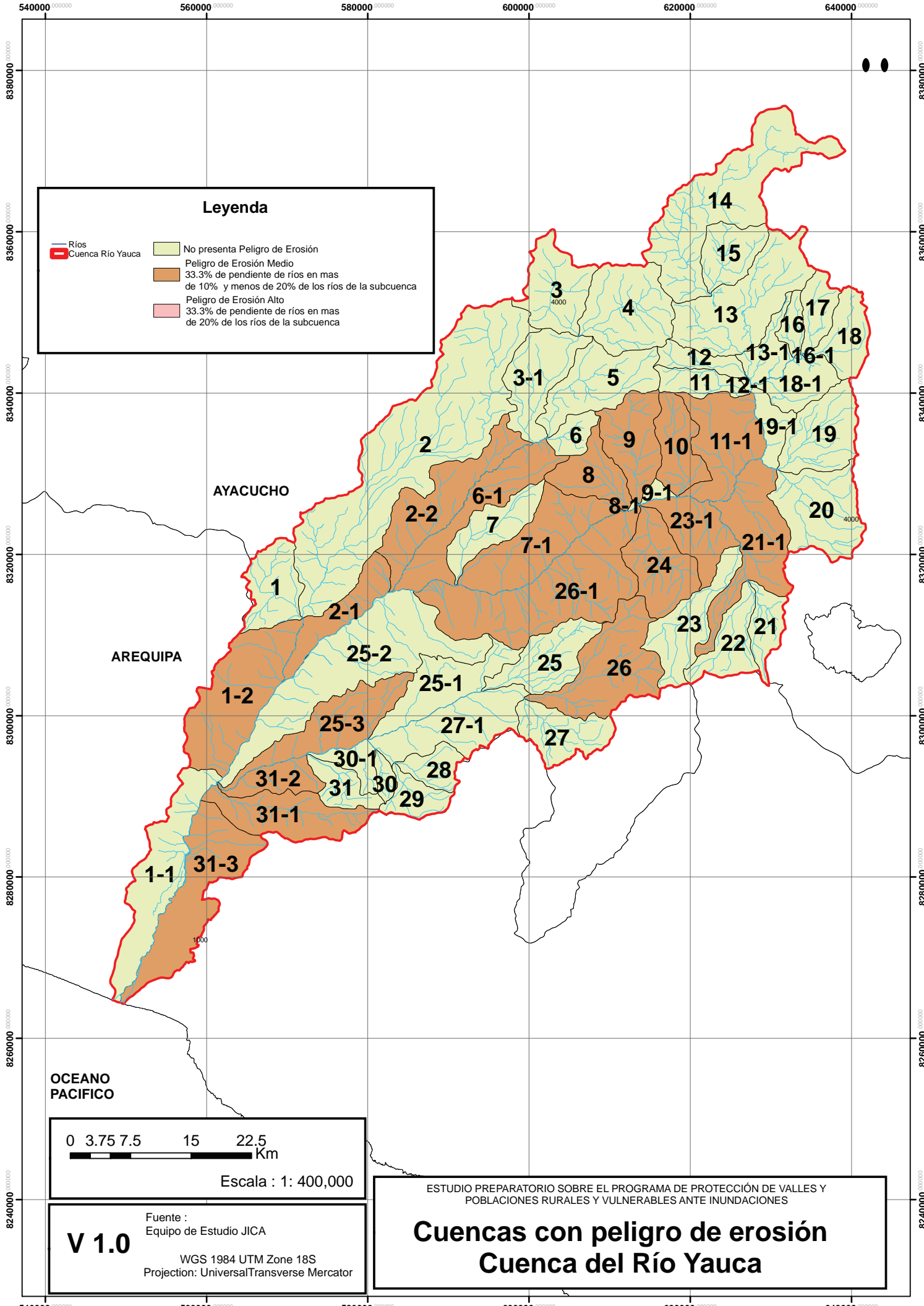
Fuente : Geologic Data System
Equipo de Estudio JICA

WGS 1984 UTM Zone 18S
Projection: Universal Transverse Mercator

ESTUDIO PREPARATORIO SOBRE EL PROGRAMA DE PROTECCIÓN DE VALLES Y POBLACIONES RURALES Y VULNERABLES ANTE INUNDACIONES

Geología / Pendiente Ríos

Cuenca del Río Yauca



Leyenda

- Ríos
- Cuenca Río Yauca
- No presenta Peligro de Erosión
- Peligro de Erosión Medio
33.3% de pendiente de ríos en mas de 10% y menos de 20% de los ríos de la subcuenca
- Peligro de Erosión Alto
33.3% de pendiente de ríos en mas de 20% de los ríos de la subcuenca

0 3.75 7.5 15 22.5
Km
Escala : 1: 400,000

V 1.0
Fuente :
Equipo de Estudio JICA
WGS 1984 UTM Zone 18S
Projection: UniversalTransverse Mercator

ESTUDIO PREPARATORIO SOBRE EL PROGRAMA DE PROTECCIÓN DE VALLES Y POBLACIONES RURALES Y VULNERABLES ANTE INUNDACIONES

Cuencas con peligro de erosión

Cuenca del Río Yauca